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Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 10-Q Â ï¸ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the quarterly period ended June 30, 2024 OR Â ï¸ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the transition period from _____ to_____ Commission File Number 000-14656 REPLIGEN CORPORATION (Exact Name of Registrant as Specified in its Charter) Â Â Delaware 04-2729386 (State or Other Jurisdiction ofIncorporation or Organization) (I.R.S. EmployerIdentification No.) Â Â 41 Seyon Street, Bldg. 1, Suite 100Waltham, MA 02453 (Address of Principal Executive Offices) (Zip Code) Â (781) 250-0111 Registrantâ€™s Telephone Number, Including Area Code Â Securities registered pursuant to Section 12(b) of the Act: Â Title of each class Trading Symbol(s) Name of each exchange on which registered Â Â Â Common Stock, par value $0.01 per share RGEN The Nasdaq Global Select Market Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ï¸ No ï¸ Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ï¸ No ï¸ Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting companyâ€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act.: Â Â Â Â Large accelerated filer ï¸ Accelerated filer ï¸ Non-accelerated filer ï¸ Smaller reporting company ï¸ Emerging growth company ï¸ Â Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ï¸ Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.): Yes â˜ No â˜‘ The number of shares outstanding of the registrantâ€™s common stock on July 26, 2024 was 56,006,498. 1 Â Table of Contents Â Â Â PAGE PART I - FINANCIAL INFORMATION Â Â Â Â Â Â Item 1. Financial Statements Â Â Â Â Â Â Condensed Consolidated Balance Sheets as of June 30, 2024 and December 31, 2023 Â 3 Â Â Â Â Â Condensed Consolidated Statements of Comprehensive Income (Loss) for the Three and Six Months Ended June 30, 2024 and 2023 Â 4 Â Â Â Â Â Condensed Consolidated Statements of Stockholdersâ€™ Equity for the Three and Six Months Ended June 30, 2024 and 2023 Â 5 Â Â Â Â Condensed Consolidated Statements of Cash Flows for the Six Months Ended June 30, 2024 and 2023 Â 7 Â Â Â Â Â Notes to Unaudited Condensed Consolidated Financial Statements Â 8 Â Â Â Â Â Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations Â 27 Â Â Â Â Â Item 3. Quantitative and Qualitative Disclosures About Market Risk Â 36 Â Â Â Â Â Item 4. Controls and Procedures Â 36 Â Â Â Â Â PART II - OTHER INFORMATION Â Â Â Â Â Â Item 1. Legal Proceedings Â 38 Â Â Â Â Â Item 1A. Risk Factors Â 38 Â Â Â Â Â Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Â 38 Â Â Â Â Â Item 3. Defaults Upon Senior Securities Â 38 Â Â Â Â Â Item 4. Mine Safety Disclosures Â 38 Â Â Â Â Â Item 5. Other Information Â 38 Â Â Â Â Â Item 6. Exhibits Â 39 Â Â Â Â Signatures Â 40 Â 2 Â PART I â€“ FINANCIAL INFORMATION Â ITEM 1. Financial Statements Â REPLIGEN CORPORATION CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited, amounts in thousands, except share data) Â Â June 30, Â Â December 31, Â Â Â Â 2024 Â Â Â 2023 Â ASSETS Â Â Â Â Â Â Current assets: Â Â Â Â Â Â Â Cash and cash equivalents Â $ 809,146 Â Â Â $ 751,323 Â Accounts receivable, net of reserves of $1,823Â and $2,122Â atÂ Â Â June 30, 2024 and December 31, 2023, respectively Â Â 123,245 Â Â Â 124,161 Â Inventories, net Â Â 190,528 Â Â Â 202,321 Â Assets held for sale Â Â 1,016 Â Â Â Â â€” Â Prepaid expenses and other current assets Â Â 34,983 Â Â Â 33,238 Â Total current assets Â Â 1,158,918 Â Â Â 1,111,043 Â Noncurrent assets: Â Â Â Â Â Â Property, plant and equipment, net Â Â 204,599 Â Â Â 207,440 Â Intangible assets, net Â Â 379,813 Â Â Â 400,486 Â Goodwill Â Â 985,613 Â Â Â 987,120 Â Deferred tax assets Â Â Â 678 Â Â Â 1,530 Â Operating lease right of use assets Â Â 131,450 Â Â Â 115,515 Â Other noncurrent assets Â Â 853 Â Â Â 1,277 Â Total noncurrent assets Â Â 1,703,006 Â Â Â 1,713,368 Â Total assets Â $ 2,861,924 Â Â $ 2,824,411 Â LIABILITIES AND STOCKHOLDERS' EQUITY Â Â Â Â Â Â Current liabilities: Â Â Â Â Â Â Accounts payable Â $ 20,910 Â Â $ 19,563 Â Operating lease liability Â Â 12,129 Â Â Â 5,631 Â Current contingent consideration Â Â 13,936 Â Â Â 12,983 Â Accrued liabilities Â Â 57,851 Â Â Â 50,533 Â Convertible Senior Notes due 2024, net Â Â 69,481 Â Â Â 69,452 Â Total current liabilities Â Â 174,307 Â Â Â 158,162 Â Noncurrent liabilities: Â Â Â Â Â Â Convertible Senior Notes due 2028, net Â Â 517,725 Â Â Â 510,143 Â Deferred tax liabilities Â Â 36,305 Â Â Â 40,466 Â Noncurrent operating lease liability Â Â 143,518 Â Â Â 126,578 Â Noncurrent contingent consideration Â Â Â€” Â Â Â 14,070 Â Other noncurrent liabilities Â Â 3,707 Â Â Â 3,789 Â Total noncurrent liabilities Â Â 701,255 Â Â Â 695,046 Â Total liabilities Â Â 875,562 Â Â Â 853,208 Â Commitments and contingencies (Note 10) Â Â Â Â Â Â Stockholders' equity: Â Â Â Â Â Â Preferred stock, $0.01Â par value, 5,000,000Â shares authorized, noÂ sharesÂ Â Â issued or outstanding Â Â Â€” Â Â Â Â€” Â Common stock, $0.01Â par value; 80,000,000Â shares authorized; 55,902,860Â Â Â shares at June 30, 2024 and 55,766,078Â shares at December 31, 2023Â Â Â issued and outstanding Â Â 559 Â Â Â 558 Â Additional paid-in capital Â Â 1,585,782 Â Â Â 1,569,227 Â Accumulated other comprehensive loss Â Â (44,243) Â Â (37,431) Accumulated earnings Â Â 444,264 Â Â Â 438,849 Â Total stockholdersâ€™ equity Â Â 1,986,362 Â Â Â 1,971,203 Â Total liabilities and stockholdersâ€™ equity Â $ 2,861,924 Â Â $ 2,824,411 Â Â Â Â Â Â The accompanying notes are an integral part of these condensed consolidated financial statements. 3 Â REPLIGEN CORPORATION Condensed CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) (Unaudited, amounts in thousands, except per share data) Â Â Three Months Ended June 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Revenue: Â Â Â Â Â Â Â Â Â Â Â Â Product Â $ 154,038 Â Â $ 159,133 Â Â $ 305,348 Â Â $ 341,754 Â Royalty and other revenue Â Â 35 Â Â Â 36 Â Â Â 71 Â Â Â 75 Â Total revenue Â Â 154,073 Â Â Â 159,169 Â Â Â 305,419 Â Â Â 341,829 Â Costs and operating expenses: Â Â Â Â Â Â Â Â Â Â Â Â Cost of goods sold Â Â 77,314 Â Â Â 79,307 Â Â Â 153,705 Â Â Â 161,152 Â Research and development Â Â 10,575 Â Â Â 9,706 Â Â Â 21,813 Â Â Â 21,860 Â Selling, general and administrative Â Â 64,697 Â Â Â 48,966 Â Â Â 126,383 Â Â Â 105,136 Â Contingent consideration Â Â Â€” Â Â Â 1,791 Â Â Â Â€” Â Â Â 3,026 Â Total costs and operating expenses Â Â Â 152,586 Â Â Â 139,770 Â Â Â 301,901 Â Â Â 291,174 Â Income from operations Â Â 1,487 Â Â Â 19,399 Â Â Â 3,518 Â Â Â 50,655 Â Other income (expenses): Â Â Â Â Â Â Â Â Â Â Â Â Investment income Â Â 9,411 Â Â Â 5,964 Â Â Â 18,404 Â Â Â 11,450 Â Interest expense Â Â (4,981) Â Â (274) Â Â (9,872) Â Â (544) Amortization of debt issuance costs Â Â (520) Â Â (457) Â Â (1,003) Â Â (914) Other (expenses) income Â Â (215) Â Â 528 Â Â Â (3,751) Â Â 605 Â Other income, net Â Â 3,695 Â Â Â 5,761 Â Â Â 3,778 Â Â Â 10,597 Â Income before income taxes Â Â 5,182 Â Â Â 25,160 Â Â Â 7,296 Â Â Â 61,252 Â Income tax provision Â Â 1,861 Â Â Â 5,096 Â Â Â 1,881 Â Â Â 12,359 Â Net income Â $ 3,321 Â Â $ 20,064 Â Â $ 5,415 Â Â $ 48,893 Â Earnings per share: Â Â Â Â Â Â Â Â Â Â Â Â Basic Â $ 0.06 Â Â $ 0.36 Â Â $ 0.10 Â Â $ 0.88 Â Diluted (Note 12) Â $ 0.06 Â Â $ 0.35 Â Â $ 0.10 Â Â $ 0.86 Â Weighted average common shares outstanding: Â Â Â Â Â Â Â Â Â Â Â Â Basic Â Â Â 55,884 Â Â Â 55,705 Â Â Â 55,838 Â Â Â 55,648 Â Diluted (Note 12) Â Â Â 56,434 Â Â Â 56,858 Â Â Â 56,477 Â Â Â 56,932 Â Â Â Â Â Â Â Â Â Â Â Â Net income Â $ 3,321 Â Â $ 20,064 Â Â $ 5,415 Â Â $ 48,893 Â Other comprehensive income (loss): Â Â Â Â Â Â Â Â Â Â Â Â Foreign currency translation adjustment Â Â (1,531) Â Â (6,068) Â Â (6,812) Â Â (2,795) Comprehensive income (loss) Â $ 1,790 Â Â $ 13,996 Â Â $ (1,397) Â $ 46,098 Â The accompanying notes are an integral part of these condensed consolidated financial statements. 4 Â REPLIGEN CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERSâ€™ EQUITY (Unaudited, amounts in thousands, except share data) Â Â Â Â Three Months Ended June 30, 2024 Â Â Â Â Common Stock Â Â Â Â Â Â Â Â Â Â Â Â

â€” Â Â Â 33 Â Tax withholding on vesting of restricted stock units Â Â (9,631) Â Â (0) Â Â (1,547) Â Â â€” Â Â Â â€” Â Â Â (1,547) Issuance of common stock pursuant to the acquisition ofÂ Â FlexBiosys, Inc. Â Â 31,415 Â Â Â 0 Â Â Â 5,243 Â Â Â â€” Â Â Â â€” Â Â Â 5,243 Â Issuance of common stock pursuant to contingentÂ Â consideration earnout payments Â Â 42,621 Â Â Â 0 Â Â Â 7,229 Â Â Â â€” Â Â Â â€” Â Â Â 7,229 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 5,483 Â Â Â â€” Â Â Â â€” Â Â Â 5,483 Â Translation adjustment Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (6,068) Â Â â€” Â Â Â (6,068) Balance at June 30, 2023 Â Â 55,744,896 Â Â $ 557 Â Â $ 1,561,393 Â Â $ (37,189) Â $ 446,165 Â Â $ 1,970,926 Â Â Â Â Â Six Months Ended June 30, 2024 Â Â Â Common Stock Â Â Â Â Â Â Â Â Â Â Â Â Â Â Number ofShares Â Â ParValue Â Â AdditionalPaid-In Capital Â Â AccumulatedOther ComprehensiveLoss Â Â RetainedEarnings Â Â TotalStockholders'Equity Â Balance at December 31, 2023 Â Â 55,766,078 Â Â $ 558 Â Â $ 1,569,227 Â Â $ (37,431) Â $ 438,849 Â Â $ 1,971,203 Â Net income Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â 5,415 Â Â Â 5,415 Â Conversion of debt Â Â 2 Â Â Â 0 Â Â Â (107) Â Â Â â€” Â Â Â â€” Â Â Â (107) Exercise of stock options and vesting of stockÂ Â Â units Â Â 152,481 Â Â Â 2 Â Â Â 1,786 Â Â Â â€” Â Â Â â€” Â Â Â 1,788 Â Tax withholding on vesting of restricted stock units Â Â (47,109) Â Â (1) Â Â (8,856) Â Â â€” Â Â Â â€” Â Â Â (8,857) Issuance of common stock pursuant to contingentÂ Â consideration earnout payments Â Â 31,408 Â Â Â 0 Â Â Â 5,742 Â Â Â â€” Â Â Â â€” Â Â Â 5,742 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 17,990 Â Â Â â€” Â Â Â â€” Â Â Â 17,990 Â Translation adjustment Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (6,812) Â Â â€” Â Â Â (6,812) Balance at June 30, 2024 Â Â 55,902,860 Â Â $ 559 Â Â $ 1,585,782 Â Â $ (44,243) Â $ 444,264 Â Â $ 1,986,362 Â Â 5 Â Â Â Six Months Ended June 30, 2023 Â Â Â Common Stock Â Â Â Â Â Â Â Â Â Â Â Â Â Â Number ofShares Â Â ParValue Â Â AdditionalPaid-In Capital Â Â AccumulatedOther ComprehensiveLoss Â Â RetainedEarnings Â Â TotalStockholders'Equity Â Balance at December 31, 2022 Â Â 55,557,698 Â Â $ 556 Â Â $ 1,547,266 Â Â $ (34,394) Â $ 397,272 Â Â $ 1,910,700 Â Net income Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â 48,893 Â Â Â 48,893 Â Conversion of debt Â Â 6 Â Â Â â€” Â Â Â (3) Â Â â€” Â Â Â â€” Â Â Â (3) Exercise of stock options and vesting of stockÂ Â Â units Â Â 176,394 Â Â Â 2 Â Â Â 60 Â Â Â â€” Â Â Â â€” Â Â Â 62 Â Tax withholding on vesting of restricted stock units Â Â (63,238) Â Â (1) Â Â (11,139) Â Â â€” Â Â Â â€” Â Â Â (11,140) Issuance of common stock pursuant to the acquisition ofÂ Â FlexBiosys, Inc. Â Â 31,415 Â Â Â 0 Â Â Â 5,243 Â Â Â â€” Â Â Â â€” Â Â Â 5,243 Â Issuance of common stock pursuant to the contingent Â Â consideration earnout payments Â Â 42,621 Â Â Â 0 Â Â Â 7,229 Â Â Â â€” Â Â Â â€” Â Â Â 7,229 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,737 Â Â Â â€” Â Â Â â€” Â Â Â 12,737 Â Translation adjustment Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (2,795) Â Â â€” Â Â Â (2,795) Balance at June 30, 2023 Â Â 55,744,896 Â Â $ 557 Â Â $ 1,561,393 Â Â $ (37,189) Â $ 446,165 Â Â $ 1,970,926 Â The accompanying notes are an integral part of these condensed consolidated financial statements. 6 Â REPLIGEN CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited, amounts in thousands) Â Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Cash flows from operating activities: Â Â Â Â Â Â Net income Â $ 5,415 Â Â $ 48,893 Â Adjustments to reconcile net income to net cash provided by operating activities: Â Â Â Â Â Â Depreciation and amortization Â Â 33,648 Â Â Â 31,237 Â Amortization of debt discount and issuance costs Â Â 7,727 Â Â Â 914 Â Stock-based compensation Â Â 17,990 Â Â Â 12,737 Â Deferred income taxes, net Â Â (2,634) Â Â (2,196) Contingent consideration Â Â â€” Â Â Â 3,026 Â Non-cash interest income Â Â â€” Â Â Â (2,023) Other Â Â (172) Â Â 574 Â Changes in operating assets and liabilities, excluding impact of acquisitions: Â Â Â Â Â Â Accounts receivable Â Â (1,245) Â Â (4,606) Inventories Â Â 10,474 Â Â Â (2,508) Prepaid expenses and other assets Â Â (1,999) Â Â (11,530) Operating lease right of use assets Â Â (16,349) Â Â 6,487 Â Other assets Â Â 364 Â Â Â (888) Accounts payable Â Â 1,547 Â Â Â (3,871) Accrued expenses Â Â 8,366 Â Â (26,234) Operating lease liabilities Â Â 23,867 Â Â Â (4,544) Long-term liabilities Â Â (101) Â Â 154 Â Total cash provided by operating activities Â Â 86,898 Â Â Â 45,622 Â Cash flows from investing activities: Â Â Â Â Â Â Acquisitions, net of cash acquired Â Â â€” Â Â Â (28,099) Proceeds from maturity of marketable securities held to maturity Â Â â€” Â Â Â 102,323 Â Additions to capitalized software costs Â Â (2,619) Â Â (2,075) Purchases of property, plant and equipment Â Â (13,154) Â Â (16,749) Other investing activities Â Â 11 Â Â Â â€” Â Total cash (used in) provided by investing activities Â Â (15,762) Â Â 55,400 Â Cash flows from financing activities: Â Â Â Â Â Â Proceeds from exercise of stock options Â Â 1,788 Â Â Â 62 Â Payment of tax withholding obligation on vesting of restricted stock Â Â (8,857) Â Â (11,140) Payment of earnout consideration Â Â (7,375) Â Â (7,298) Other financing activities Â Â (303) Â Â (12) Total cash used in financing activities Â Â (14,747) Â Â (18,388) Effect of exchange rate changes on cash and cash equivalents Â Â 1,434 Â Â Â (2,436) Net increase in cash and cash equivalents Â Â 57,823 Â Â Â 80,198 Â Cash, cash equivalents, beginning of period Â Â 751,323 Â Â Â 523,458 Â Cash and cash equivalents, end of period Â $ 809,146 Â Â $ 603,656 Â Supplemental disclosure of non-cash investing and financing activities: Â Â Â Â Â Â Assets acquired under operating leases Â $ 23,860 Â Â $ 831 Â Fair value of shares of common stock issued for contingent consideration earnouts Â $ 5,742 Â Â $ 7,229 Â Fair value of 31,415Â shares of common stock issued for the acquisition ofÂ Â Â Â FlexBiosys, Inc. Â $ â€” Â Â $ 5,243 Â Â The accompanying notes are an integral part of these condensed consolidated financial statements. 7 Â REPLIGEN CORPORATION NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Unaudited) Â 1.Summary of Significant Accounting Policies Basis of PresentationThe condensed consolidated financial statements included herein have been prepared by Repligen Corporation (the â€œCompanyâ€, â€œRepligenâ€, â€œourâ€ or â€œweâ€) in accordance with generally accepted accounting principles accepted in the United States (â€œGAAPâ€) and pursuant to the rules and regulations of the United States Securities and Exchange Commission (â€œSECâ€), for Quarterly Reports on Form 10-Q (â€œForm 10-Qâ€) and Article 10 of Regulation S-X and do not include all of the information and footnote disclosures required by GAAP. These condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and accompanying notes thereto included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which was filed with the SEC on February 22, 2024 (â€œForm 10-Kâ€).The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The business and economic uncertainty resulting from global geopolitical conflicts, supply chain challenges, cost pressure and the overall effects of the current inflationary environment on customers' purchasing patterns has made such estimates more difficult to calculate. Accordingly, actual results could differ from those estimates. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. The Company made no material changes in the application of its significant accounting policies that were disclosed in its Form 10-K. In the opinion of the Company, the accompanying unaudited condensed consolidated financial statements include all adjustments, consisting of only normal, recurring adjustments necessary for a fair presentation of its financial position as of June 30, 2024, its results of operations for the three and six months ended June 30, 2024 and 2023 and cash flows for the six months ended June 30, 2024 and 2023. The results of operations for the interim periods presented are not necessarily indicative of results to be expected for the entire year. Assets Held for SaleAn asset is considered to be held for sale when all the following criteria are met: (i) management commits to a plan to sell the asset; (ii) it is unlikely that the disposal plan will be significantly modified or discontinued; (iii) the asset is available for immediate sale in its present condition; (iv) actions required to complete the sale of the asset have been initiated; (v) sale of the asset is probable and the completed sale is expected to occur within one year; and (vi) the asset is actively being marketed for sale at a price that is reasonable given its current market value. Recent Accounting GuidanceThe Company considers the applicability and impact of all Accounting Standards Updates (â€œASUâ€ or â€œASUsâ€) and other recently issued guidance or rule decisions on their condensed consolidated financial statements. Updates not listed below were assessed and determined to be either not applicable or are expected to have minimal impact on the Companyâ€™s condensed consolidated financial position or results of operations. Recently issued accounting guidance that the Company feels may be applicable to them is as follows:Recently Issued Accounting Guidance â€“ Not Yet AdoptedIn March 2024, the SEC adopted final rules under SEC Release No. 33-11275 requiring public companies to provide certain climate-related information in their registration statements and annual reports. As part of the disclosures, registrants will be required to quantify certain effects of severe weather events and other natural conditions in a note to their audited financial statements. The rules were immediately challenged in a number of lawsuits, which were subsequently consolidated by the U.S. Court of Appeals for the Eighth Circuit. In April 2024, the SEC announced that it is staying implementation of the new rules 8 Â pending resolution of the consolidated litigation before the Eighth Circuit. The Company is assessing the effect of compliance with the new rules on its condensed consolidated financial statements and related disclosures.In December 2023, the Financial Accounting Standards Board (â€œFASBâ€) issued ASU 2023-09, â€œIncome Taxes (Topic 740) - Improvements to Income Tax Disclosures.â€ ASU 2023-09 enhances the transparency and decision usefulness of income tax disclosures by requiring consistent categories and greater disaggregation of information in the rate reconciliation and income taxes paid disaggregated by jurisdiction. ASU 2023-09 will be effective for the Company in its income tax disclosure included in its 2025 Annual Report on Form 10-K and will be applied on a prospective basis. However, retrospective application is permitted. Early adoption is also permitted. Besides a change in income tax disclosures, the Company does not expect the adoption of ASU 2023-09 to have a material impact on its condensed consolidated financial statements. In November 2023, the FASB issued ASU 2023-07, â€œSegment Reporting (Topic 820) - Improvements to Reportable Segment Disclosures.â€ ASU 2023-07 will improve reportable segment disclosure requirements, primarily through enhanced annual and interim disclosures about significant segment expenses that are regularly provided to the Chief Operating Decision Maker (â€œCODMâ€). The disclosures required under ASU 2023-07 are also required for public entities with a single reportable segment. ASU 2023-07 will be effective for the Company for annual periods beginning on January 1, 2024 and interim periods beginning on January 1, 2025. The amendments of this guidance apply retrospectively to all prior periods presented in the condensed consolidated financial statements. Early adoption is permitted. Besides presentation in the segment footnote for its interim reporting, the Company does not expect the adoption of ASU 2023-07 to have a material impact on its condensed consolidated financial statements. 2.Fair Value MeasurementsThe Company uses various valuation approaches in determining the fair value of its assets and liabilities. The Company employs a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that observable inputs be used when available. Observable inputs are inputs that market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Company. Unobservable inputs are inputs that reflect the Companyâ€™s assumptions about the inputs that market participants would use in pricing the asset or liability and are developed based on the best information available in the circumstances. The fair value hierarchy is broken down into three levels based on the source of inputs as follows: Level 1 - Valuations based on unadjusted quoted prices in active markets for identical assets or liabilities that the Company has the ability to access. Â Â Level 2 - Valuations based on quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities. Â Â Level 3 - Valuations based on inputs that are unobservable or significant to the overall fair value measurement. Â Â The availability of observable inputs can vary among the various types of financial assets and liabilities. To the extent that the valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. In certain cases, the inputs used to measure fair value may fall into different levels of the fair value 9 Â hierarchy. In such cases, for financial statement disclosure purposes, the level in the fair value hierarchy within which the fair value measurement is categorized is based on the lowest level input that is significant to the overall fair value measurement. Fair Value Measured on a Recurring BasisFinancial assets and financial liabilities measured at fair value on a recurring basis consist of the following as of June 30, 2024 and December 31, 2023 (amounts in thousands):Â Â Â As of June 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Â Â Â Â Â Â Â Â Â Â Â Money market accounts Â $ 735,008 Â Â $ â€” Â Â $ â€” Â Â $ 735,008 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 13,936 Â Â $ 13,936 Â Â Â Â Â Â Â Â Â Â Â Â Â Â As of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Â Â Â Â Â Â Â Â Â Â Â Money market accounts Â $ 658,574 Â Â $ â€” Â Â $ â€” Â Â $ 658,574 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 12,983 Â Â $ 12,983 Â Long-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 14,070 Â Â $ 14,070 Â Cash and cash equivalentsAs of June 30, 2024 and December 31, 2023, cash and cash equivalents on the Company's condensed consolidated balance sheets included $735.0 million and $658.6 million, respectively, in money market accounts. These funds are valued on a recurring basis using Level 1 inputs. Contingent Consideration â€“ EarnoutsAs of June 30, 2024, the maximum amount of future contingent consideration (undiscounted) that we could be required to pay in connection with completed acquisitions is: $125.0 million over a three-year earnout period for Avitide, Inc. (â€œAvitideâ€), which was acquired in September 2021 and for which the earnout periods run from January 1, 2022 through December 31, 2024; $42.0 million over a two-year earnout period for FlexBiosys, Inc. (â€œFlexBiosysâ€), which was acquired in April 2023 and for which the earnout periods run from January 1, 2023 through December 31, 2024; and approximately $10 million over a one-year earnout period for Metenova Holding AB (â€œMetenovaâ€), which was acquired in October 2023 and for which the earnout period runs from January 1, 2024 through December 31, 2024. See Note 3, â€œAcquisitionsâ€ to this report for additional information on the contingent consideration earnouts. Since the date of acquisition, expected results and changes in market inputs used to calculate the discount rate related to Avitide, FlexBiosys and Metenova, have, at times, resulted in changes in amounts reported as the Companyâ€™s contingent consideration obligation. As of June 30, 2024, management assessed the remaining contingent consideration obligation balances and the existing market inputs used and decided that no changes in fair value were required. A reconciliation of the change in the fair value of contingent consideration â€“ earnouts is included in the following table (amounts in thousands):Â Balance at December 31, 2023 Â $ 27,053 Â Payment of contingent consideration earnouts Â Â (13,117) Decrease in fair value of contingent consideration earnouts Â Â â€” Â Balance at June 30, 2024 Â $ 13,936 Â Â 10 Â The recurring Level 3 fair value measurement of our contingent consideration obligations for Avitide, FlexBiosys and Metenova include the following significant unobservable inputs (amounts in thousands, except percent data):Â Contingent Consideration Earnout Â Fair Value as ofÂ June 30, 2024 Â Â Valuation Technique Â Unobservable Input Â Range Â Weighted Average(1) Â Â Â Â Â Â Â Â Â Probability of Â Â Â Â Â Â Â Â Â Â Â Â Â Success Â 100% Â 100% Commercialization-based payments Â $ Â 9,678 Â Â Monte CarloSimulation Â Earnout Discount Rate Â 5.8%-5.9% Â 5.9% Â Volatility Â 12.5%-24.6% Â 13.9% Â Â Â Â Â Â Â Â Â Â Â Â Â Â Revenue and Volume-based payments Â $ Â 361 Â Â Monte CarloSimulation Â Revenue & VolumeDiscount Rate Â 2.5%-9.3% Â 5.1% Â Â Â Â Â Â Â Â Â Â Earnout Discount Rate Â 5.8%-7.2% Â 5.8% Â Â Â Â Â Â Â Â Â Probability ofÂ Success Â 100% Â 100% Manufacturing line expansions Â $ Â 3,897 Â Â Probability-weighted present value Â Earnout Discount Rate Â 6.1%-6.4% Â 6.3% Â (1)Unobservable inputs were weighted by the relative fair value of the contingent consideration liability. Fair Value Measured on a Nonrecurring BasisDuring the three and six months ended June 30, 2024, there were no re-measurements to the fair value of financial assets and liabilities that are measured at fair value on a nonrecurring basis.Convertible Senior NotesIn July 2019, the Company issued $287.5 million aggregate principal amount of 0.375% Convertible Senior Notes due 2024 (the â€œ2019 Notesâ€). Interest is payable semi-annually in arrears on January 15 and July 15 of each year. The 2019 Notes matured on July 15, 2024. At June 30, 2024 and December 31, 2023, respectively, the carrying value of the 2019 Notes was $69.5 million, net of unamortized debt issuance costs and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. On December 14, 2023, the Company issued $600.0 million aggregate principal amount of 1.00% Convertible Senior Notes due 2028 (the â€œ2023 Notesâ€) in a private placement pursuant to separate, privately negotiated exchange and subscription agreements (the â€œExchange and Subscription Agreementsâ€) with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933, as amended (â€œSecurities Actâ€). Pursuant to the Exchange and Subscription Agreements, the Company exchanged $217.7 million of its 2019 Notes for $309.9 million aggregate principal amount of the 2023 Notes (the â€œExchange Transactionâ€) and issued $290.1 million aggregate principal amount of the 2023 Notes (the â€œSubscription Transactionsâ€) for $290.1 million in cash. At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized debt discount and debt issuance cost and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. The fair value of the 2023 Notes and the 2019 Notes is a Level 1 valuation and was determined based on the most recent trade activity of the 2023 Notes and 2019 Notes as of June 30, 2024 and December 31, 2023. The 2023 Notes and 2019 Notes are discussed in more detail in Note 8, â€œConvertible Senior Notes,â€ to these condensed consolidated financial statements. 3.AcquisitionsMetenova Holding ABOn October 2, 2023, the Company's subsidiary, Repligen Sweden AB, acquired Metenova from the former shareholders of Metenova (the â€œMetenova Sellerâ€) pursuant to a Share Sale and Purchase Agreement (the â€œShare Purchase Agreementâ€), dated as of September 23, 2023 (such acquisition, the â€œMetenova Acquisitionâ€), by and among Repligen Sweden AB, the Metenova Seller, and the Company, in its capacity as guarantor of the obligations of Repligen Sweden AB under the Share Purchase Agreement. 11 Â Metenova, which is headquartered in Molndal, Sweden, offers magnetic mixing and drive train technologies that are widely used by global biopharmaceutical companies and contract development and manufacturing organizations.

The Metenova Acquisition further strengthens our fluid management portfolio with these products.Consideration TransferredThe Company accounted for the Metenova Acquisition as a purchase of business under Accounting Standards Codification (â€œASCâ€) 805, â€œBusiness Combinations,â€ and the Company engaged a third-party valuation firm to assist with the valuation of Metenova. Under the Share Purchase Agreement, all outstanding equity interests of Metenova were acquired for consideration with a value totaling $172.6 million. The Metenova Acquisition was funded through payment of $164.5 million in cash, the issuance of 52,299 unregistered shares of the Company's common stock totaling $8.1 million and contingent consideration with an immaterial fair value. Under the acquisition method of accounting, the assets acquired and liabilities assumed of Metenova were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net liabilities acquired is estimated to be $1.9 million, the fair value of the intangible assets acquired is estimated to be $58.8 million and the residual goodwill is estimated to be $115.7 million. The estimated consideration and preliminary purchase price information has been prepared using a preliminary valuation. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $6.1 million of transaction and integration costs associated with the Metenova Acquisition from the date of acquisition to June 30, 2024, with $1.0 million and $2.6 million of transaction and integration costs incurred during the three and six months ended June 30, 2024, respectively. The transaction costs are included in operating expenses in the condensed consolidated statements of comprehensive income (loss) for the period ended June 30, 2024.Fair Value of Net Assets AcquiredThe preliminary allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date. As of June 30, 2024, the purchase accounting for this acquisition had not been finalized. As additional information becomes available, the Company may further revise its preliminary purchase price allocation during the remainder of the measurement period. During 2024, the Company recorded a net working capital adjustment of $0.1 million related to an inventory adjustment, offset in goodwill, to align the Metenova opening balance sheet. Besides tax implications of the purchase price allocation, the final allocation may result in additional changes to other assets and liabilities. The components and estimated allocation of the purchase price consist of the following (amounts in thousands): Cash and cash equivalents Â $ 5,768 Â Accounts receivable Â Â 3,730 Â Inventory Â Â 4,477 Â Prepaid expenses and other current assets Â Â 470 Â Property and equipment Â Â 433 Â Operating lease right of use asset Â Â 615 Â Customer relationships Â Â 12,659 Â Developed technology Â Â 44,377 Â Trademark and tradename Â Â 939 Â Non-competition agreements Â Â 787 Â Goodwill Â Â 115,722 Â Accounts payable Â Â (1,432) Accrued liabilities Â Â (2,934) Operating lease liability Â Â (275) Noncurrent deferred tax liability Â Â (12,481) Noncurrent operating lease liability Â Â (255) Fair value of net assets acquired Â $ 172,600 Â Â Â Â Â Acquired GoodwillThe goodwill of $115.7 million represents future economic benefits expected to arise from anticipated synergies from the integration of Metenova into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the Metenova Acquisition. Substantially all of the goodwill recorded is expected to be nondeductible for income tax purposes.Â 12 Â Intangible AssetsThe following table sets forth the components of the identified intangible assets associated with the Metenova Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 15 years Â $ 12,659 Â Developed technology Â 15 years Â Â 44,377 Â Trademark and tradename Â 15 years Â Â 939 Â Non-competition agreements Â 2 years Â Â 787 Â Â Â Â Â $ 58,762 Â FlexBiosys, Inc.On April 17, 2023, the Company completed its acquisition of all of the outstanding equity interests in FlexBiosys, pursuant to an Equity Purchase Agreement (the â€œFlexBiosys Agreementâ€) with FlexBiosys, TSAP Holdings Inc. (â€œNJ Sellerâ€), Gayle Tarry and Stanley Tarry, as individuals (collectively with NJ Seller, the "Sellers"), and Stanley Tarry, in his capacity as the representative of the Sellers (the â€œFlexBiosys Acquisitionâ€). FlexBiosys, which is headquartered in Branchburg, New Jersey, offers expert design and custom manufacturing of single-use bioprocessing products and a comprehensive range of products that include bioprocessing bags, bottles, and tubing assemblies. These products will complement and expand our fluid management portfolio of offerings.Consideration transferredThe FlexBiosys Acquisition was accounted for as a purchase of a business under ASC 805, and the Company engaged a third-party valuation firm to assist with the valuation of FlexBiosys. Under the terms of the FlexBiosys Agreement, all outstanding equity interests of FlexBiosys were acquired for consideration with a value totaling $41.0 million. The FlexBiosys Acquisition was funded through payment of $29.0 million in cash, which includes $6.3 million deposited in escrow for future payments, the issuance of 31,415 unregistered shares of the Company's common stock totaling $5.4 million and contingent consideration with fair value of approximately $6.6 million. Under the acquisition method of accounting, the assets acquired and liabilities assumed of FlexBiosys were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net assets acquired is $14.1 million, the fair value of the intangible assets acquired is $12.6 million and the residual goodwill is $14.3 million. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $1.1 million of transaction and integration costs associated with the FlexBiosys Acquisition from the date of acquisition to June 30, 2024. There were no transaction and integration costs incurred for the FlexBiosys Acquisition during the three and six months ended June 30, 2024.Fair Value of Net Assets AcquiredThe allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date, based on the final valuation of FlexBiosys. The Company has made appropriate adjustments to purchase price allocation during the measurement period, which ended on April 17, 2024. The purchase price allocation was completed as of March 31, 2024.The components and final allocation of the purchase price consist of the following (amounts in thousands):13 Â Cash and cash equivalents Â $ 1,090 Â Accounts receivable Â Â 683 Â Inventory Â Â 667 Â Prepaid expenses and other current assets Â Â 35 Â Property and equipment Â Â 12,034 Â Operating lease right of use asset Â Â 3,537 Â Customer relationships Â Â 2,530 Â Developed technology Â Â 9,860 Â Trademark and tradename Â Â 30 Â Non-competition agreements Â Â 220 Â Goodwill Â Â 14,321 Â Other noncurrent assets Â Â 10 Â Accounts payable Â Â (136) Accrued liabilities Â Â (314) Operating lease liability Â Â (39) Noncurrent operating lease liability Â Â (3,498) Fair value of net assets acquired Â $ 41,030 Â Â Â Â Â Acquired GoodwillThe goodwill of $14.3 million represents future economic benefits expected to arise from anticipated synergies from the integration of FlexBiosys into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the FlexBiosys Acquisition. Substantially all of the goodwill recorded is expected to be deductible for income tax purposes.Intangible AssetsThe following table sets forth the components of the identified intangible assets associated with the FlexBiosys Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 12 years Â $ 2,530 Â Developed technology Â 16 years Â Â 9,860 Â Trademark and tradename Â 4 years Â Â 30 Â Non-competition agreements Â 5 years Â Â 220 Â Â Â Â Â $ 12,640 Â Â 4.Restructuring PlanIn July 2023, the Board of Directors authorized the Company's management team to undertake restructuring activities to simplify and streamline our organization and strengthen the overall effectiveness of our operations. Since the initial streamlining and re-balancing efforts contemplated in July, the Company continues to undertake further restructuring activities (collectively, the â€œRestructuring Planâ€) which has included consolidating a portion of our manufacturing operations between certain U.S. locations, discontinuing the sale of certain product SKUs, and evaluating the fair value of finished goods and raw materials, mostly secured during the 2020-2022 COVID-19 pandemic period to meet increasing demand during a challenging supply chain environment in the industry. The Company recorded pre-tax restructuring activity of $1.0 million and $2.4 million, respectively, for the three and six months ended June 30, 2024, related to the Restructuring Plan and expects the Restructuring Plan to be completed by the end of the third quarter of 2024. The following table summarizes the charges related to restructuring activities by type of cost:Â Â Â For the Three Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 371 Â Â $ â€” Â Â $ 143 Â Â $ 514 Â Research and development Â Â 284 Â Â Â â€” Â Â Â 284 Â Selling, general and administrative Â Â 157 Â Â Â â€” Â Â Â 17 Â Â Â 174 Â Â Â $ 812 Â Â $ â€” Â Â $ 160 Â Â $ 972 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 14 Â Â Â For the Six Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 853 Â Â $ 19 Â Â $ 201 Â Â $ 1,073 Â Research and development Â Â 449 Â Â Â â€” Â Â Â 449 Â Selling, general and administrative Â Â 856 Â Â Â â€” Â Â Â 17 Â Â Â 873 Â Â Â $ 2,158 Â Â $ 19 Â Â $ 218 Â Â $ 2,395 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Severance and employee-related costs under the Restructuring Plan are primarily associated with actual headcount reductions. Costs incurred include cash severance and non-cash severance, including other termination benefits. Severance and other termination benefit packages are based on established benefit arrangements or local statutory requirements and we recognized the contractual component of these benefits when payment was probable and could be reasonably estimated. Non-cash charges for accelerated depreciation were recognized on long-lived assets that were taken out of service before the end of their normal service due to the shutdown of manufacturing facilities and production lines, in which case depreciation estimates were revised to reflect the use of the assets over their shortened useful life. The restructuring accrual is included in accrued liabilities in the condensed consolidated balance sheet as of June 30, 2024 and the balance is expected to be paid by the third quarter of 2024. Activity related to the Restructuring Plan for the six months ended June 30, 2024 was as follows (amounts in thousands):Â Â Â Restructuring LiabilityDecember 31, 2023 Â Â Restructuring Costs Â Â Amounts Paid in 2024 Â Â Noncash Restructuring Items Â Â Restructuring LiabilityJune 30, 2024 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Severance & employee-related costs Â $ 464 Â Â $ 2,158 Â Â $ (1,909) Â $ (74) Â $ 639 Â Accelerated depreciation Â Â â€” Â Â Â 19 Â Â Â â€” Â Â Â (19) Â Â â€” Â Facility and other exit costs Â Â â€” Â Â Â 218 Â Â Â (218) Â Â Â â€” Â Â Â â€” Â Total Â $ 464 Â Â $ 2,395 Â Â $ (2,127) Â $ (93) Â $ 639 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 5.Revenue RecognitionDisaggregation of RevenueRevenues for the three and six months ended June 30, 2024 and 2023 were as follows:Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Product revenue Â $ 154,038 Â Â $ 159,133 Â Â $ 305,348 Â Â $ 341,754 Â Royalty and other income Â Â 35 Â Â Â 36 Â Â Â 71 Â Â Â 75 Â Total revenue Â $ 154,073 Â Â $ 159,169 Â Â $ 305,419 Â Â $ 341,829 Â When disaggregating revenue, the Company considered all of the economic factors that may affect its revenues. Because its revenues are from bioprocessing customers, there are no differences in the nature, timing and uncertainty of the Companyâ€™s revenues and cash flows from any of its product lines. However, given that the Companyâ€™s revenues are generated in different geographic regions, factors such as regulatory, economic and geopolitical developments within those regions could impact the nature, timing and uncertainty of the Companyâ€™s revenues and cash flows. Disaggregated revenue from contracts with customers by geographic region and revenue from significant customers can be found in Note 14, â€œSegment Reporting,â€ included in this report. For more information regarding our product revenue, see Note 7, â€œRevenue Recognitionâ€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Dataâ€ to the Companyâ€™s Form 10-K. Contract Balances from Contracts with CustomersThe following table provides information about receivables and deferred revenue from contracts with customers as of June 30, 2024 and December 31, 2023 (amounts in thousands):15 Â Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Balances from contracts with customers only: Â Â Â Â Â Â Accounts receivable Â $ 123,245 Â Â $ 124,161 Â Deferred revenue (included in accrued liabilities andÂ Â Â other noncurrent liabilities in the condensed Â Â Â consolidated balance sheets) Â $ 14,461 Â Â $ 10,755 Â Revenue recognized during periods presented relating to: Â Â Â Â Â Â Â The beginning deferred revenue balance Â $ 6,818 Â Â $ 18,751 Â Â The timing of revenue recognition, billings and cash collections results in the accounts receivable and deferred revenue balances on the Companyâ€™s condensed consolidated balance sheets. 6.Goodwill and Intangible AssetsGoodwillThe following table represents the change in the carrying value of goodwill for the six months ended June 30, 2024 (amounts in thousands):Â Balance at December 31, 2023 Â $ 987,120 Â Measurement period adjustment - Metenova Â Â (56) Cumulative translation adjustment Â Â (1,451) Balance at June 30, 2024 Â $ 985,613 Â The Company has not identified any â€œtriggeringâ€ events which indicate an impairment of goodwill in the three and six months ended June 30, 2024.Intangible assets Indefinite-lived intangible assets are reviewed for impairment at least annually. There has been no impairment of the Companyâ€™s intangible assets for the periods presented. Intangible assets, net, consisted of the following at June 30, 2024: Â Â June 30, 2024 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 246,917 Â Â $ (51,796) Â $ 195,121 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 268,683 Â Â Â (92,419) Â Â 176,264 Â Â Â 15 Â Trademarks Â Â 8,698 Â Â Â (2,043) Â Â 6,655 Â Â Â 19 Â Other intangibles Â Â 3,859 Â Â Â (2,786) Â Â 1,073 Â Â Â 3 Â Total finite-lived intangible assets Â Â 528,397 Â Â Â (149,284) Â Â 379,113 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Â Â Trademarks Â Â 700 Â Â Â â€” Â Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 529,097 Â Â $ (149,284) Â $ 379,813 Â Â Â Â Â 16 Â Intangible assets, net, consisted of the following at December 31, 2023:Â Â Â December 31, 2023 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 249,594 Â Â $ (44,162) Â $ 205,432 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 269,949 Â Â Â (83,963) Â Â 185,986 Â Â Â 15 Â Trademarks Â Â 8,757 Â Â Â (1,789) Â Â 6,968 Â Â Â 19 Â Other intangibles Â Â 3,914 Â Â Â (2,514) Â Â 1,400 Â Â Â 3 Â Total finite-lived intangible assets Â Â 532,454 Â Â Â (132,668) Â Â 399,786 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Â Â Trademarks Â Â 700 Â Â Â â€” Â Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 533,154 Â Â $ (132,668) Â $ 400,486 Â Â Â Â Â Amortization expense for finite-lived intangible assets was $8.5 million and $7.5 million for each of the three months ended June 30, 2024 and 2023, respectively, and $17.2 million and $14.9 million for each of the six months ended June 30, 2024 and 2023, respectively. As of June 30, 2024, the Company expects to record the following amortization expense in future periods (amounts in thousands): Â Â Â Estimated Â Â Â Amortization Â For the Years Ended December 31, Â Expense Â 2024 (remaining six months) Â $ 16,882 Â 2025 Â Â 33,608 Â 2026 Â Â 33,270 Â 2027 Â Â 33,236 Â 2028 Â Â 33,137 Â 2029 and thereafter Â Â 228,980 Â Total Â $ 379,113 Â Â 7.Consolidated Balance Sheet DetailInventories, netInventories, net consists of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Raw materials Â $ 111,487 Â Â $ 123,598 Â Work-in-process Â Â 5,248 Â Â Â 4,492 Â Finished products Â Â 73,793 Â Â Â 74,231 Â Total inventories, net Â $ 190,528 Â Â $ 202,321 Â Assets held for saleDuring the first quarter of 2024, the Companyâ€™s management decided it would explore a sale of the Companyâ€™s property located at 119 Fredon Springdale Road, Fredon, New Jersey (the â€œBioFlex Propertyâ€) and engaged a broker to assist with the sale process. As of June 30, 2024, the Company continues to conduct a sale process for the BioFlex Property, with the expectation of completing the sale by the end of 2024. As a result of these actions, the sale of the BioFlex Property meets the criteria to be 17 Â classified as assets held-for-sale pursuant to ASC 360, â€œImpairment and Disposal of Long-Lived Assets.â€ Therefore, the Company recorded $1.0 million in assets held for sale in our condensed consolidated balance sheet as of June 30, 2024. Assets held for sale as of June 30, 2024 (for which there were no comparable amounts as of December 31, 2023) consist of the following (amounts in thousands): Â Â June 30, Â Â Â 2024 Â Land Â $ 101 Â Buildings Â Â 915 Â Total assets held for sale Â $ 1,016 Â Property, plant and equipment, netProperty, plant and equipment, net consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Land Â $ 831 Â Â $ 992 Â Buildings Â Â 697 Â Â Â 1,667 Â Leasehold improvements Â Â 128,455 Â Â Â 126,663 Â Equipment Â Â 114,013 Â Â Â 114,606 Â Furniture, fixtures and office equipment Â Â 9,046 Â Â Â 9,077 Â Computer hardware and software Â Â 39,942 Â Â Â 35,528 Â Construction in progress Â Â 54,334 Â Â Â 47,086 Â Other Â Â 501 Â Â Â 544 Â Total property, plant and equipment Â Â 347,819 Â Â Â 336,163 Â Less - Accumulated depreciation Â Â (143,220) Â Â (128,723) Total property, plant and equipment, net Â $ 204,599 Â Â $ 207,440 Â Accrued liabilitiesAccrued liabilities consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Employee compensation Â $ 23,438 Â Â $ 16,660 Â Deferred revenue Â Â 14,001 Â Â Â 10,287 Â Income taxes payable Â Â 573 Â Â Â 6,814 Â Other Â Â 19,839 Â Â Â 16,772 Â Total accrued liabilities Â $ 57,851 Â Â $ 50,533 Â Â 8.Convertible Senior Notes The carrying value of the Company's convertible senior notes is as follows: Â Â Â Â Â Â Â Â Â Â Â June 30,2024 Â Â December 31,2023 Â Â Â (Amounts in thousands) Â 1.00% Convertible Senior Notes due 2028: Â Â Â Â Â Â Principal amount Â $ 600,000 Â Â $ 600,000 Â Unamortized debt discount Â Â (74,733) Â Â (81,457) Unamortized debt issuance costs Â Â (7,542) Â Â (8,400) Carrying amount - Convertible Senior Notes due 2028, net Â $ 517,725 Â Â $ 510,143 Â 0.375% Convertible Senior Notes due 2024: Â Â Â Â Â Â Principal amount Â $ 69,504 Â Â $ 69,700 Â Unamortized debt issuance costs Â Â (23) Â Â (248) Carrying amount - Convertible Senior Notes due 2024, net Â $ 69,481 Â Â $ 69,452 Â 1.00% Convertible Senior Notes due 2028On December 14, 2023, the Company issued $600.0 million aggregate principal amount of its 2023 Notes in the Exchange and Subscription Agreements with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act. Pursuant to the Exchange and Subscription Agreements and to the 18 Â Exchange Transaction, the Company issued $290.1 million aggregate principal amount of the 2023 Notes in a private placement to accredited institutional buyers (the â€œSubscription Transactionsâ€) for $290.1 million in cash.The Company evaluated the Exchange Transaction and determined approximately $29.6 million

of the $217.7 million principal of the exchanged 2019 Notes should be accounted for as extinguishments of debt and approximately $188.1 million should be accounted for as modification of debt. As a result, the Company recognized a $12.7 million loss on extinguishments of debt in its consolidated statements of comprehensive income (loss) for the year ended December 31, 2023, inclusive of $0.1 million of unamortized debt issuance costs. Under debt modification accounting, the carrying amount of the modified 2019 Notes was reduced by $2.8 million, with a corresponding increase to additional paid-in capital, to account for the increase in the fair value of the embedded conversion option, representing a debt discount of the modified 2019 Notes. The aggregate debt discount of $74.7 million as of June 30, 2024, comprised of $72.2 million increase in principal of the modified 2019 Notes and a $2.5 million increase in the fair value of the embedded conversion option. The aggregate debt discount of $81.5 million as of December 31, 2023, comprised of $78.7 million increase in principal of the modified 2019 Notes and a $2.8 million increase in the fair value of the embedded conversion option. These amounts are presented as a direct reduction from the carrying value of the convertible debt in their respective periods presented in our condensed consolidated balance sheets. This amount is being accreted into interest expense in the condensed consolidated statements of comprehensive income (loss) using the effective interest method over the term of the 2023 Notes.Proceeds from the Subscription Transactions were $276.1 million, net of debt issuance costs of $13.9 million. The Exchange Transaction resulted in $6.2 million of the debt issuance costs related to the modified 2019 Notes, which were expensed as incurred in accordance with debt modification accounting, and $7.7 million of deferred debt issuance costs related to the 2023 Notes, which were recorded as a direct deduction to the carrying value of the 2023 Notes on the Companyâ€™s condensed consolidated balance sheets. The Company is amortizing the $7.7 million of debt issuance costs of the 2023 Notes into amortization of debt issuance costs in the Companyâ€™s condensed consolidated statements of comprehensive income (loss) over the remaining term of the 2023 Notes. The carrying value of the 2023 Notes of $517.7 million and $510.1 million is included in long-term debt on the Company's condensed consolidated balance sheets as of June 30, 2024 and December 31, 2023, respectively.The Company used $14.4 million of the proceeds from the Subscription Transactions to repurchase shares of its common stock from certain purchasers of the 2023 Notes. For more information regarding this repurchase, see Note 12, â€œStockholdersâ€™ Equity - Share Repurchasesâ€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Company's Form 10-K. The Company will also use a portion of the proceeds to finance in part, the settlement upon conversion or repurchase of the remaining 2019 Notes at maturity. See Note 15, â€œSubsequent Events - Maturity of the Remaining 2019 Notesâ€ below for more information on the redemption of the 2019 Notes. The remainder of the proceeds will be used for working capital.The 2023 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 1.00% per year. Interest is payable semi-annually in arrears on each of June 15 and December 15, which commenced on June 15, 2024. The 2023 Notes will mature on December 15, 2028, unless earlier redeemed, repurchased or converted. During the second quarter of 2024, the closing price of the Companyâ€™s common stock did not exceed 130% of the conversion price of the 2023 Notes for more than 20 trading days of the last 30 consecutive trading of the quarter. As a result, the 2023 Notes are not convertible at the option of the holders of the 2023 Notes during the third quarter of 2024, the quarter immediately following the quarter when the conditions are met, as stated in the indenture governing the 2023 Notes. Because the 2023 Notes were not convertible as of June 30, 2024, the Company classifies the carrying value of the 2023 Notes of $517.7 million as noncurrent liabilities on the Companyâ€™s condensed consolidated balance sheet at June 30, 2024. The initial conversion rate for the 2023 Notes is 4.9247 shares of the Companyâ€™s common stock per $1,000 principal amount of 2023 Notes, which is equivalent to an initial conversion price of $203.06 per share and represents a 30% premium over the last reported sale price of $156.20 per share on December 6, 2023, the date on which the 2023 Notes were priced. Prior to the close of business on the business day immediately preceding September 15, 2028, the 2023 Notes will be convertible at the option of the holders of 2023 Notes only upon the satisfaction of the specified conditions mentioned above and during certain quarters commencing after the calendar quarter ending on March 31, 2024, into cash up to their principal amount, and into cash, shares of the Companyâ€™s common stock or a combination thereof, at the Companyâ€™s election, for the conversion value above the principal amount, if any. Thereafter until the close of business on the second scheduled trading day immediately preceding the maturity date, the 2023 Notes will be convertible at the option of the holders of 2023 Notes at any time regardless of these conditions. The Company may redeem for cash, all or a portion of the 2023 Notes, at its option, on or after December 18, 2026 and prior to the 21st scheduled trading day immediately preceding the maturity date at a redemption price of 100% of the principal amount of the 2023 Notes to be redeemed, plus accrued and unpaid interest to, but excluding the redemption date, if certain conditions are met in accordance to the 2023 Notes Indenture. For more information on 19 Â the 2023 Notes, see Note 14, â€œConvertible Senior Notes,â€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Companyâ€™s Form 10-K.The following table sets forth total interest expense recognized related to the 2023 Notes for the three and six months ended June 30, 2024 for which there were no comparable amounts for the same periods of 2023: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2024 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2023 Notes Â $ 1,500 Â Â $ 3,000 Â Amortization of debt discount â€“ 2023 Notes Â Â 3,398 Â Â Â 6,724 Â Amortization of debt issuance costs â€“ 2023 Notes Â Â 408 Â Â Â 815 Â Total Â $ 5,306 Â Â $ 10,539 Â Effective interest rate of the liability component Â Â 4.39 % Â Â 4.39 % At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized discount, and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. The fair value of the 2023 Notes was determined based on the most recent trade activity of the 2023 Notes at June 30, 2024 and December 31, 2023.0.375% Convertible Senior Notes due 2024The Company issued $287.5 million aggregate principal amount of the 2019 Notes on July 19, 2019 in a transaction which included the underwritersâ€™ exercise in full of an option to purchase an additional $37.5 million aggregate principal amount of the 2019 Notes (the â€œNotes Offeringâ€). The net proceeds of the Notes Offering, after deducting underwriting discounts and commissions and other related offering expenses payable by the Company, were approximately $278.5 million. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. The 2019 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 0.375% per year. Interest is payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020. The remaining 2019 Notes matured on July 15, 2024. The initial conversion rate for the 2019 Notes is 8.6749 shares of the Companyâ€™s common stock per $1,000 principal amount of 2019 Notes (which is equivalent to an initial conversion price of approximately $115.28 per share). The 2019 Notes are convertible as of June 30, 2024 at the option of the holders at any time regardless of prior conditions that were in place and were convertible until the close of business on July 11, 2024, the second scheduled trading day immediately preceding the maturity date. The 2019 Notes are not redeemable by the Company prior to maturity. See Note 15, â€œSubsequent Event - Maturity of the Remaining 2019 Notesâ€ below for more information on the July 15, 2024 maturity.As of the date of this filing, excluding the Exchange Transaction mentioned above, the Company has received requests to convert $0.3 million aggregate principal amount of the 2019 Notes and all have been settled as of June 30, 2024. These conversions resulted in the issuance of a nominal number of shares of the Companyâ€™s common stock to the note holders. Because the 2019 Notes matured in July 2024, the Company classified the carrying value of the 2019 Notes as current liabilities on the Companyâ€™s condensed consolidated balance sheets at June 30, 2024. The following table sets forth total interest expense recognized related to the 2019 Notes: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2019 Notes Â $ 65 Â Â $ 269 Â Â $ 130 Â Â $ 539 Â Amortization of debt issuance costs â€“ 2019 Notes Â Â 112 Â Â Â 457 Â Â Â 224 Â Â Â 914 Â Total Â $ 177 Â Â $ 726 Â Â $ 354 Â Â $ 1,453 Â Effective interest rate of the liability component Â Â 1.00 % Â Â 1.00 % Â Â 1.00 % Â Â 1.00 % At June 30, 2024 and December 31, 2023, the carrying value of the 2019 Notes was $69.5 million, respectively, net of unamortized discount, and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. The fair value of the 2019 Notes was determined based on the most recent trade activity of the 2019 Notes at June 30, 2024 and December 31, 2023. 20 Â 9.Stockholdersâ€™ Equity Stock Option and Incentive PlansUnder the Companyâ€™s current 2018 Stock Option and Incentive Plan (the â€œ2018 Planâ€), the number of shares of the Companyâ€™s common stock that were reserved and available for issuance is 2,778,000, plus the number of shares of common stock that were available for issuance under the Companyâ€™s previous equity plans. The shares of common stock underlying any awards under the 2018 Plan and previous equity plans (together, the â€œPlansâ€) that are forfeited, canceled or otherwise terminated (other than by exercise) shall be added back to the shares of stock available for issuance under the 2018 Plan. At June 30, 2024, 1,523,889 shares were available for future grants under the 2018 Plan.Chief Executive Officer Accounting ModificationsOn June 12, 2024, upon approval by the Board, the Company entered into the Fourth Amended and Restated Employment Agreement (the â€œTransition Agreementâ€) with the Company's Chief Executive Officer (â€œCEOâ€), Tony J. Hunt, which amends and restates Mr. Hunt's Third Amended and Restated Employment Agreement with the Company dated as of May 26, 2022. Under the terms of the Transition Agreement, Mr. Hunt will relinquish his position as the Company's CEO effective September 1, 2024 (the â€œTransition Dateâ€) and will transition to a new role as Executive Chair of the Board beginning on the Transition Date (the â€œCEO Transitionâ€). It is anticipated that Mr. Hunt will continue to be involved in the business as the Executive Chair of the Board until March 2026 and will continue to be employed by the Company as an advisor thereafter, until March 2027. Under the terms of the Transition Agreement and the award agreements governing Mr. Huntâ€™s outstanding equity awards, Mr. Huntâ€™s unvested stock awards will continue to vest in accordance with their original terms. Furthermore, on June 28, 2024, the Company entered into an amendment (the â€œ2024 Award Amendmentâ€) to the equity awards granted to Mr. Hunt in 2024, which consisted of a stock option, restricted stock units (â€œRSUsâ€) and performance stock units (â€œPSUsâ€ and together the â€œ2024 Grantsâ€). Pursuant to the terms of the 2024 Award Amendment, two-thirds of the 2024 Grants were forfeited, which equates to 32,776 shares of the Companyâ€™s common stock.Although Mr. Huntâ€™s unvested equity awards continue to vest in accordance with their original terms and there has been no amendment to Mr. Huntâ€™s outstanding equity awards other than the 2024 Award Amendment, the Company determined that under ASC 718, â€œCompensation - Stock Compensationâ€, the CEO Transition represents a significant reduction in Mr. Huntâ€™s operating role with the Company for accounting purposes. This determination resulted in a Type III accounting modification of certain of Mr. Huntâ€™s unvested stock awards (improbable to probable) under ASC 718 (the â€œEquity Modificationâ€) on June 12, 2024. As a result, for accounting purposes only, Mr. Huntâ€™s unvested awards were deemed cancelled and a new grant issued for his unvested shares with the value of these awards recalculated using a price of $136.00 per share, which was the opening stock price of the first day of trading following the public announcement of the CEO Transition. As a result of the Equity Modification, the Company will recognize stock-based compensation expense for the modified awards of $22.4 million over the remaining requisite service period, which the Company determined to be between June 13, 2024 and September 1, 2024 and represents the remaining service period of Mr. Huntâ€™s role as CEO. The Company determined that the PSUs granted to Mr. Hunt in 2022 and 2023 should be accounted for as a Type IV accounting modification (improbable to improbable) in accordance with ASC 718, because vesting conditions before and after June 12, 2024 were improbable of being achieved. As a result of the Equity Modification and the forfeiture of the pro-rata portion of Mr. Huntâ€™s 2024 Grants, the Company recognized $4.4 million of incremental stock-based compensation expense for the three and six months ended June 30, 2024. 21 Â Stock Issued for Earnout PaymentsIn April 2024, the Company issued 28,638 shares of its common stock to former securityholders of Avitide to satisfy the contingent consideration obligation established under the Agreement and Plan of Merger and Reorganization (the â€œAvitide Agreementâ€) which the Company entered into as part of the acquisition of Avitide in September 2021. In March 2024, the Company issued 2,770 shares of its common stock to former securityholders of FlexBiosys to satisfy the contingent consideration obligation established under the FlexBiosys Agreement, which the Company entered into as part of the acquisition of FlexBiosys in April 2023. See Note 4, â€œAcquisitionsâ€, included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Companyâ€™s Form 10-K for additional information on the acquisitions of Avitide and FlexBiosys and the contingent consideration. The shares issued to FlexBiosys represent 20% of the earnout consideration earned in the First Earnout Year (as defined in the FlexBiosys Agreement) and the shares issued to Avitide represents 50% of the earnout consideration earned in the Second Earnout Year (as defined in the Avitide Agreement).Stock-Based CompensationThe following table presents stock-based compensation expense in the Companyâ€™s condensed consolidated statements of comprehensive income (loss): Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 498 Â Â $ 522 Â Â $ 1,102 Â Â $ 1,113 Â Research and development Â Â 503 Â Â Â 608 Â Â Â 1,447 Â Â Â 1,395 Â Selling, general and administrative(1) Â Â 8,213 Â Â Â 4,353 Â Â Â 15,441 Â Â Â 10,229 Â Total stock-based compensation Â $ 9,214 Â Â $ 5,483 Â Â $ 17,990 Â Â $ 12,737 Â (1)Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above.Stock OptionsInformation regarding option activity for the six months ended June 30, 2024 under the Plans is summarized below:Â Â Â Shares Â Â WeightedaverageexercisepriceÂ Â Weighted-AverageRemainingContractualTerm(in Years) Â Â AggregateIntrinsicValue(in Thousands) Â Options outstanding at December 31, 2023 Â Â 649,130 Â Â $ 85.97 Â Â Â Â Â Â Â Â Granted Â Â 60,736 Â Â $ 184.66 Â Â Â Â Â Â Â Â Exercised Â Â (26,661) Â $ 67.08 Â Â Â Â Â Â Â Â Forfeited/expired/cancelled(1) Â Â (22,027) Â $ 192.07 Â Â Â Â Â Â Â Â Options outstanding at June 30, 2024 Â Â 661,178 Â Â $ 92.26 Â Â Â Â Â Â Â Options exercisable at June 30, 2024 Â Â 413,411 Â Â $ 74.55 Â Â Â Â Â Â Â Vested and expected to vest at June 30, 2024(2) Â Â 655,251 Â Â $ 91.51 Â Â Â 5.41 Â Â $ 35,463 Â Â (1)Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under â€œChief Executive Officer Accounting Modificationsâ€. (2)Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. The aggregate intrinsic value in the table above represents the total pre-tax intrinsic value (the difference between the closing price of the common stock on June 28, 2024, the last business day of the second quarter of 2024, of $126.06 per share and the exercise price of each in-the-money option) that would have been received by the option holders had all option holders exercised their options on June 30, 2024. The aggregate intrinsic value of stock options exercised during the six months ended June 30, 2024 and 2023 was $2.6 million and $0.7 million, respectively. The weighted average grant date fair value of options granted during the six months ended June 30, 2024 and 2023 was $93.65 and $86.30, respectively. 22 Â Stock UnitsThe fair value of stock units is calculated using the closing price of the Companyâ€™s common stock on the date of grant. The Company recognizes expense on awards with service-based vesting over the employeeâ€™s requisite service period on a straight-line basis. The Company recognizes expense on performance-based awards over the vesting period based on the probability that the performance metrics will be achieved. Information regarding stock unit activity, which includes activity for restricted stock units and performance stock units, for the six months ended June 30, 2024 under the Plans is summarized below:Â Â Â Shares Â Â Weighted AverageGrant DateFair Value Â Â Unvested at December 31, 2023 Â Â 474,320 Â Â $ 155.59 Â Â Awarded Â Â 178,252 Â Â $ 188.57 Â Â Vested Â Â (125,820) Â $ 143.87 Â Â Forfeited/cancelled(1) Â Â (69,442) Â $ 189.15 Â Â Unvested at June 30, 2024 Â Â 457,310 Â Â $ 166.59 Â Â Vested and expected to vest at June 30, 2024(2) Â Â 397,312 Â Â $ 164.77 Â Â Â (1)Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under â€Chief Executive Officer Accounting Modificationsâ€.(2)Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. The aggregate intrinsic value of stock units vested during the six months ended June 30, 2024 and 2023 was $23.5 million and $29.6 million, respectively. The weighted average grant date fair value of stock units granted during the six months ended June 30, 2024 and 2023 was $188.57 and $176.86, respectively. As of June 30, 2024, there was $73.3 million of total unrecognized compensation cost related to unvested share-based awards. This cost is expected to be recognized over a weighted average remaining requisite service period of 2.59 years. The Company expects 2,267,696 unvested options and stock units to vest over the next five years. 10.Commitments and Contingencies Collaboration AgreementsThe Company licenses certain technologies that are, or may be, incorporated into its technology under several agreements and also has entered into several clinical research agreements that require the Company to fund certain research projects. Generally, the license agreements require the Company to pay annual maintenance fees and royalties on product sales once a product has been established using the technologies. Research and development expenses associated with license agreements were immaterial amounts for the three and six months ended June 30, 2024 and 2023. In June 2018, the Company secured an agreement with Navigo Proteins GmbH (â€œNavigoâ€) for the exclusive co-development of multiple affinity ligands for which the Company holds commercialization rights. The Company is manufacturing and supplying the first of these ligands, NGL-ImpactÂ®, exclusively to Purolite Life Sciences, an Ecolab Inc. company (â€œPuroliteâ€), who is pairing the Companyâ€™s high-performance ligand with Puroliteâ€™s agarose jetting base bead technology used in their Jetted A50 Protein A resin product. The Company also signed a long-term supply

agreement with Purolite for NGL-Impact and other potential additional affinity ligands that may advance from the Companyâ€™s Navigo collaboration. In September 2020, the Company and Navigo successfully completed co-development of an affinity ligand targeting the SARS-CoV-2 spike protein, that was used in the purification of vaccines for the COVID-19 pandemic, including emerging variants of the SARS-CoV-2 coronavirus. The Company has proceeded with scaling up and manufacturing this ligand and the development and validation of the related affinity chromatography resin, which is marketed by the Company. In September 2021, the Company and Navigo successfully completed co-development of a novel affinity ligand that addresses aggregation issues associated with pH sensitive antibodies and Fc-fusion proteins. The Company is manufacturing and supplying this ligand, NGL-ImpactÂ® HipH, to Purolite. The Navigo and Purolite agreements are supportive of the Companyâ€™s strategy to secure and reinforce the Companyâ€™s proteins business. The Company made royalty payments to Navigo of $0.9 million and $1.2 million for the three months ended June 30, 23 Â 2024 and 2023, respectively, and payments of $1.7 million and $2.3 million for the six months ended June 30, 2024 and 2023, respectively.Legal ProceedingsFrom time to time, in the normal course of its operations, the Company is subject to litigation matters and claims relating to employee relations, business practices and patent infringement. Litigation can be expensive and disruptive to normal business operations. Moreover, the results of complex legal proceedings are difficult to predict, and the Company's view of these matters may change in the future as the litigation and events related thereto unfold. The Company expenses legal fees as incurred. The Company records a provision for contingent losses when it is both probably that a liability has been incurred and the amount of the loss can be reasonably estimated. An unfavorable outcome to any legal matter, if material, could have an adverse effect on the Company's operations or its financial results. 11.Income TaxesFor the three and six months ended June 30, 2024, the Company recorded an income tax provision of $1.9 million for each respective period. The Companyâ€™s effective tax rate for the three and six months ended June 30, 2024 was 35.9% and 25.8%, respectively, compared to 20.3% and 20.2% for the corresponding periods in the prior year.In 2021, the Organization of Economic Co-operation and Development announced an Inclusive Framework on Base Erosion and Profit Sharing with the goal of achieving consensus around substantial changes to international tax policies, including the implementation of a minimum global effective tax rate of 15%. The Company continues to evaluate the impacts of enacted legislation and pending legislation in the tax jurisdictions in which the Company operates. While various countries have implemented the legislature as of January 1, 2024, the Company does not expect a resulting material impact to its income tax provision for the 2024 fiscal year. 12.Earnings Per ShareA reconciliation of basic and diluted weighted average shares outstanding is as follows: Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except per share data) Â Numerator: Â Â Â Â Â Â Â Â Â Â Â Â Net income Â $ 3,321 Â Â $ 20,064 Â Â $ 5,415 Â Â $ 48,893 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Denominator: Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares used in computing net income per share - basic Â Â 55,884 Â Â Â 55,705 Â Â Â 55,838 Â Â Â 55,648 Â Effect of dilutive shares: Â Â Â Â Â Â Â Â Â Â Â Â Options and stock units Â Â 391 Â Â Â 451 Â Â Â 437 Â Â Â 487 Â Convertible senior notes(1) Â Â 159 Â Â Â 701 Â Â Â 202 Â Â Â 797 Â Dilutive effect of unvested performance stock units Â Â â€” Â Â Â 1 Â Â Â â€” Â Â Â 1 Â Dilutive potential common shares Â Â 550 Â Â Â 1,153 Â Â Â 639 Â Â Â 1,284 Â Denominator for diluted earnings per share - adjustedÂ Â Â Â Â weighted average shares used in computingÂ Â Â Â Â earnings per share - diluted Â Â 56,434 Â Â Â 56,858 Â Â Â 56,477 Â Â Â 56,932 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Earnings per share: Â Â Â Â Â Â Â Â Â Â Â Â Basic Â $ 0.06 Â Â $ 0.36 Â Â $ 0.10 Â Â $ 0.88 Â Diluted Â $ 0.06 Â Â $ 0.35 Â Â $ 0.10 Â Â $ 0.86 Â (1)Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information.For the three and six months ended June 30, 2024, 479,482 shares and 358,633 shares, respectively, of the Companyâ€™s common stock were excluded from the calculation of diluted earnings per share because the exercise prices of the stock options were greater than or equal to the average price of the common shares and were therefore anti-dilutive. Comparatively, for the three and six months ended June 30, 2023, 456,315 shares and 400,909 shares, respectively, were considered anti-dilutive.In July 2019, the Company issued $287.5 million aggregate principal amount of its 2019 Notes. As provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, upon conversion of the 2019 Notes, the Company will use a 24 Â combination of cash and shares of the Company's common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. On December 14, 2023, the Company exchanged, in a privately negotiated exchange, $309.9 million principal amount of 2023 Notes for $217.7 million principal amount of 2019 Notes and issued $290.1 million aggregate principal amount of 2023 Notes for $290.1 million in cash. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023 with terms unchanged. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. As mentioned above and as provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, the Company irrevocably elected to settle the conversion obligation for the 2019 Notes in a combination of cash and shares of the Companyâ€™s common stock. This means the Company will settle the par value of the 2019 Notes in cash and any excess conversion premium in shares. The Company is required to reflect the dilutive effect of the convertible securities by application of the â€œif-convertedâ€ method, which means the denominator of the EPS calculation would include the total number of shares assuming the 2019 Notes had been fully converted at the beginning of the period. Accordingly, the par value of the 2019 Notes was not included in the calculation of diluted earnings per share, but the dilutive effect of the conversion premium was considered in the calculation of diluted earnings per share using the treasury stock method. The dilutive impact of the 2019 Notes was based on the difference between the Companyâ€™s current period average stock price and the conversion price of the 2019 Notes, provided there was a premium. For the three and six months ended June 30, 2024, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 159,494 shares and 201,917 shares, respectively. For the three and six months ended June 30, 2023, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 700,941 shares and 796,601 shares, respectively. 13.Related Party TransactionsCertain facilities leased by our subsidiary, Spectrum LifeSciences LLC (â€œSpectrumâ€) are owned by the Roy Eddleman Living Trust (the â€œTrustâ€). As of June 30, 2024, the Trust owned greater than 5% of the Companyâ€™s outstanding shares. Therefore, the Company considers the Trust to be a related party. The lease amounts paid to the Trust were negotiated in connection with the acquisition of Spectrum. The Company incurred rent expense totaling $0.2 million for each of the three months ended June 30, 2024 and 2023 related to these leases and incurred $0.4 million for each of the six months ended June 30, 2024 and 2023. 14.Segment Reporting Operating segments are components of an enterprise that engage in business activities for which discrete financial information is available and regularly reviewed by the CODM in deciding how to allocate resources and assess performance. Our CEO has been identified as the CODM. The Company views its operations, makes decisions regarding how to allocate resources and manages its business as one operating segment and one reportable segment. Our CODM evaluates financial information on a consolidated basis. As a result, the required financial segment information can be found in the condensed consolidated financial statements of the Company disclosed herein. The following table represents the Companyâ€™s total revenue by customersâ€™ geographic locations: Â Â Three Months Ended Â Â Six Months Ended Â Â Â June 30, Â Â June 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Revenue by customers' geographic locations: Â Â Â Â Â Â Â Â Â Â Â Â North America Â Â 50 % Â Â 46 % Â Â 50 % Â Â 42 % Europe Â Â 36 % Â Â 36 % Â Â 34 % Â Â 37 % APAC/Other Â Â 14 % Â Â 18 % Â Â 16 % Â Â 21 % Total revenue Â Â 100 % Â Â 100 % Â Â 100 % Â Â 100 % Concentrations of Credit Risk and Significant Customers Financial instruments that subject the Company to significant concentrations of credit risk primarily consist of cash and cash equivalents and accounts receivable. Per the Companyâ€™s investment policy, cash equivalents and marketable securities are invested in financial instruments with high credit ratings, and credit exposure to any one issue, issuer (with the exception of U.S. Treasury obligations) and type of instrument is limited. At June 30, 2024 and December 31, 2023, the Company had no investments associated with foreign exchange contracts, options contracts or other foreign hedging arrangements.25 Â Concentration of credit risk with respect to accounts receivable is limited to customers to whom the Company makes significant sales. While a reserve for the potential write-off of accounts receivable is maintained, the Company has not written off any significant accounts to date. To control credit risk, the Company performs regular credit evaluations of its customersâ€™ financial condition.There was no revenue from customers that represented 10% or more of the Company's total revenue for the three and six months ended June 30, 2024. Significant accounts receivable balances representing 10% or more of the Companyâ€™s total trade accounts receivable balances at June 30, 2024 came from our accounts receivable balance outstanding with Novo Nordisk A/S, which was 11.6% of the Companyâ€™s total trade accounts receivable balance. No accounts receivable balance from a specific customer represented 10% or more of the Company's total trade accounts receivable at December 31, 2023. 15.Subsequent EventsMaturity of the Remaining 2019 NotesAs discussed in Note 8, â€œConvertible Senior Notesâ€ above, the remaining 2019 Notes matured and were paid off in full on July 15, 2024. The Company used net proceeds from the Exchange Transaction to fund the repayment of the 2019 Notes at maturity and to pay accrued and unpaid interest with respect to such notes. The Company irrevocably elected to settle the conversion of the 2019 Notes using a combination of cash and the Companyâ€™s common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. In connection with the conversion, the Company paid $69.6 million in cash, which included principal and accrued interest, and issued 100,942 shares of the Companyâ€™s common stock representing the conversion premium. Pending Acquisition of Tantti Laboratory Inc.On July 29, 2024, the Company announced that it entered into a definitive agreement to acquire privately-held Tantti Laboratory Inc. (â€œTanttiâ€). Tantti, which is headquartered in Taoyuan City, Taiwan, is expected to accelerate the Companyâ€™s expansion into new modality markets with unique, scalable purification solutions for large molecule biologics.The Company expects the acquisition of Tantti to be completed in the fourth quarter of 2024 subject to the satisfaction of customary closing conditions, including clearance through the Taiwanese regulatory channel. Â Â 26 Â ITEM 2. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS Overview Repligen and its subsidiaries, collectively doing business as Repligen Corporation (â€œRepligenâ€, â€œweâ€, â€œourâ€, or the â€œCompanyâ€) is a global life sciences company that develops and commercializes highly innovative bioprocessing technologies and systems that increase efficiencies and flexibility in the process of manufacturing biological drugs. As the overall market for biologics continues to grow and expand, our customers â€” primarily large biopharmaceutical companies and contract development and manufacturing organizations and other life sciences companies (integrators) â€” face critical production cost, capacity, quality and time pressures. Built to address these concerns, our products help set new standards for the way biologics are manufactured. We are committed to inspiring advances in bioprocessing as a trusted partner in the production of critical biologic drugs â€” including monoclonal antibodies, recombinant proteins, vaccines and cell and gene therapies â€” that are improving human health worldwide. Increasingly, our technologies are being implemented to overcome challenges in processing plasmid DNA (a starting material for the production of mRNA) and gene delivery vectors such as lentivirus and adeno-associated viral vectors. For more information regarding our business, products and acquisitions, see Part I, Item 1, â€œBusinessâ€, included in our 2023 Annual Report on Form 10-K which was filed with the Securities and Exchange Commission (â€œSECâ€) on February 22, 2024 (â€œForm 10-Kâ€). We currently operate as one bioprocessing business, with a comprehensive suite of products to serve both upstream and downstream processes in biological drug manufacturing. Building on over 40 years of industry expertise, we have developed a broad and diversified product portfolio that reflects our passion for innovation and the customer-first culture that drives our entire organization. We continue to capitalize on opportunities to maximize the value of our product platform through both organic growth initiatives (internal innovation and leveraging commercial opportunities) and targeted acquisitions. Macroeconomic Trends As a result of our global presence, a significant portion of our revenue and expenses is denominated in currencies other than the U.S. dollar. We are therefore subject to non-U.S. exchange exposure. Exchange rates can be volatile and a substantial weakening or strengthening of foreign currencies against the U.S. dollar could increase or reduce our revenue and gross profit margin and impact the comparability of results from period to period. We have experienced, and expect to continue to experience, cost inflation, primarily in raw materials, and other supply chain costs, as a result of global macroeconomic trends, including global geopolitical conflicts and labor shortages. Actions taken to mitigate supply chain disruptions and inflation, including price increases and productivity improvements, have generally been successful in offsetting the impact of these trends. In addition, decreasing demand for vaccines for the COVID-19 pandemic, including all subsequent variants of the SARS-CoV-1 coronavirus is driving a reduction in future demand of our products related to these vaccines. 2024 Acquisition Pending Acquisition of Tantti Laboratory Inc. On July 29, 2024, we announced that we entered into a definitive agreement to acquire privately-held Tantti Laboratory Inc. (â€œTanttiâ€). Tantti, which is headquartered in Taoyuan City, Taiwan, is expected to accelerate our expansion into new modality markets with unique, scalable purification solutions for large molecule biologics. We expect the acquisition of Tantti to be completed in the fourth quarter of 2024 subject to the satisfaction of customary closing conditions, including clearance through the Taiwanese regulatory channel. 2023 Acquisitions Acquisition of FlexBiosys, Inc. On April 17, 2023, we completed the acquisition of all of the outstanding equity interests in FlexBiosys, Inc. (â€œFlexBiosysâ€), pursuant to an Equity Purchase Agreement with FlexBiosys, TSAP Holdings Inc. (â€œNJ Sellerâ€), Gayle Tarry and Stanley Tarry, as 27 Â individuals (collectively with NJ Seller, the â€œSellersâ€), and Stanley Tarry, in his capacity as the representative of the Sellers (the â€œFlexBiosys Acquisitionâ€). FlexBiosys, which is headquartered in Branchburg, New Jersey, offers expert design and custom manufacturing of single-use bioprocessing products and a comprehensive range of products that include bioprocessing bags, bottles, and tubing assemblies. These products will complement and expand our fluid management portfolio of offerings. Acquisition of Metenova Holding AB On October 2, 2023, we completed the acquisition of all of the outstanding equity interests in Metenova Holding AB (â€œMetenovaâ€), pursuant to a Share Sale and Purchase Agreement with, inter alia, Metenova for approximately $173 million in cash and the Company's equity. Metenova will further strengthen our fluid management portfolio with its magnetic mixing and drive train technologies that are widely used by global biopharmaceutical companies and contract development and manufacturing organizations. Critical Accounting Policies and Estimates A â€œcritical accounting policyâ€ is one which is both important to the portrayal of our financial condition and results and requires managementâ€™s most difficult, subjective or complex judgments, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. For a description of our critical accounting policies that affect our more significant judgments and estimates used in the preparation of our condensed consolidated financial statements, refer to Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations and our significant accounting policies in Note 2, â€œSummary of Significant Accounting Policiesâ€, to the consolidated financial statements included in our Form 10-K. Results of Operations The following discussion of the financial condition and results of operations should be read in conjunction with the accompanying condensed consolidated financial statements and the related footnotes thereto. Revenues Total revenue for the three and six months ended June 30, 2024 and 2023 were as follows: Â Â Â Three Months EndedJune 30, Â Â Increase/(Decrease) Â Â Six Months EndedJune 30, Â Â Increase/(Decrease) Â Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â Â (Amounts in thousands, except for percentage data) Â Revenue: Â Products Â $ 154,038 Â Â $ 159,133 Â Â $ (5,095) Â Â (3.2 %) Â $ 305,348 Â Â $ 341,754 Â Â $ (36,406) Â Â (10.7 %) Royalty and other Â Â 35 Â Â Â 36 Â Â Â (1) Â Â (2.8 %) Â Â 71 Â Â Â 75 Â Â Â (4) Â Â (5.3 %) Total revenue Â $ 154,073 Â Â $ 159,169 Â Â $ (5,096) Â Â (3.2 %) Â $ 305,419 Â Â $ 341,829 Â Â $ (36,410) Â Â (10.7 %) Product revenues We focus on selling our products directly to customers in the pharmaceutical industry and to our contract manufacturers. These direct sales represented approximately 88.4% and 84.7% of our product revenue for each of the three months ended June 30, 2024 and 2023, respectively, and represented 89.4% and 84.4% of our product revenue for each of the six months ended June 30, 2024 and 2023. Sales of our bioprocessing products can be impacted by the timing of large-scale production orders and the regulatory approvals for such antibodies, which may result in significant quarterly fluctuations. During the three and six months ended June 30, 2024, product revenue decreased by $5.1 million, or 3.2%, and $36.4 million, or 10.7%, respectively, as compared to the same periods of 2023. The decrease between the three and six-month periods is mainly due to a decrease in revenue from our proteins franchise due to weak demand, which reflects the Cytiva (a standalone operating company owned by Danaher Corporation) drop-off since they are producing product in-house and lower forecast for ligands from other customers. The decrease in revenue during the six-month periods also included a decrease in revenue from programs related to the COVID-19 pandemic as customersâ€™ inventory has reduced at a slower pace than initially expected, which has primarily affected revenue from sales of our filtration products. Partially offsetting the decrease in revenue for the three and six month periods is an increase in revenue from the operations of acquisitions completed subsequent to the prior year comparable periods. In addition, the performance of our Alternating Tangential Filtration business, a part of our filtration franchise, was strong in the 28 Â second quarter of 2024 as well as the first half of 2024 resulting in an increase in revenue during the three and six months ending June 30, 2024, as compared to the same periods of 2023. Revenue from sales by the remaining franchises for the three and six months ended June 30, 2024 remained relatively in line with similar revenue from the same periods of 2023. Royalty and other revenues Royalty and other revenues in the three and six months ended June 30, 2024 and 2023 relate to royalties received from a third-party systems manufacturer associated with our OPUSÂ® chromatography columns. Royalty revenues are variable and are dependent on sales generated by our partners.

Costs of goods sold and operating expenses Total costs and operating expenses for the three and six months ended June 30, 2024 and 2023 were comprised of the following: Â Â Three Months EndedJune 30, Increase/(Decrease) Â Â Six Months EndedJune 30, Increase/(Decrease) Â Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â Â (Amounts in thousands, except for percentage data) Â Cost of goods sold Â $ 77,314 Â Â $ 79,307 Â Â $ (1,993) Â Â (2.5 %) Â $ 153,705 Â Â $ 161,152 Â Â $ (7,447) Â Â (4.6 %) Research and development Â Â 10,575 Â Â Â 9,706 Â Â Â 869 Â Â Â 9.0 % Â Â 21,813 Â Â Â 21,860 Â Â Â (47) Â Â (0.2 %) Selling, general and administrative Â Â 64,697 Â Â Â 48,966 Â Â Â 15,731 Â Â Â 32.1 % Â Â 126,383 Â Â Â 105,136 Â Â Â 21,247 Â Â Â 20.2 % Contingent Consideration Â Â â€” Â Â Â 1,791 Â Â Â (1,791) Â Â (100.0 %)) Â Â â€” Â Â Â 3,026 Â Â Â (3,026) Â Â (100.0 %) Total costs and operating expenses Â $ 152,586 Â Â $ 139,770 Â Â $ 12,816 Â Â Â 9.2 % Â $ 301,901 Â Â $ 291,174 Â Â $ 10,727 Â Â Â 3.7 % Cost of goods sold Cost of goods sold decreased $2.0 million, or 2.5%, and $7.4 million, or 4.6% for the three and six months ended June 30, 2024, compared to the same periods of 2023, primarily due to a decrease in costs associated with lower revenue as well as a decrease in employee-related costs resulting from a decline in manufacturing headcount since June 30, 2023. Partially offsetting this was an increase in cost of goods sold that relates to the results of operations of FlexBiosys and Metenova, which have been in our consolidated results of operations since the acquisition dates in April 2023 and October 2023, respectively. There was also an increase in cost of goods sold during the three and six months ended June 30, 2024, as compared to the same periods of 2023 due to $0.5 million and $1.1 million, respectively, of costs incurred in 2024 from restructuring activities, for which there were no comparable costs in the same periods of 2023. Gross margin was 49.8% and 50.2% in the three months ended June 30, 2024 and 2023, respectively and gross margin was 49.7% and 52.9% in the six months ended June 30, 2024 and 2023, respectively. Lower margins were a result of lower overall sales and production volumes, and a change in product mix, where we saw a significant decline in revenue associated with higher-margin consumable products due to the decrease in COVID-19 vaccine demand. Research and development expenses Research and development (â€œR&Dâ€) expenses are related to bioprocessing products, which include personnel, supplies and other research expenses. Due to the fact that these various programs share personnel and fixed costs, we do not track all of our expenses or allocate any fixed costs by program, and therefore, have not provided historical costs incurred by project. R&D expenses increased $0.9 million, or 9.0%, during the three months ended June 30, 2024, compared to the same period of 2023. The increase is primarily due to an adjustment to decrease the bonus accrual recorded during the second quarter of 2023 for which there is no comparable amount recorded in the same period of 2024. The increase is also attributable to the operations of Metenova, which have been in our results of operations since the acquisition date in October 2023 and $0.3 million of costs from restructuring activities during the three months ended June 30, 2024, for which there were no comparable costs in the same period of 2023. Offsetting these increases were decreases in employee-related costs from a decrease in headcount since June 30, 2023 and a decrease in spending on new product development during the three months ended June 30, 2024. R&D expenses remained relatively consistent for the six months ended June 30, 2024, as compared to the same period of 2023 as the decreases in employee-related costs from lower R&D headcount as well as decreased spending on new product development during the first half of 2024, compared to the first half of 2023, were almost fully offset by the increase in R&D expenses that 29 Â relate to the results of operations of FlexBiosys and Metenova. These results of operations have been in the consolidated results of operations since the acquisition dates in April 2023 and October 2023, respectively. There were also $0.4 million of costs from restructuring activities incurred by the Company during 2024, for which there were no comparable costs in the same period of 2023 and an adjustment to bring the corporate bonus accrual down recorded in the three months ended June 30, 2023, for which there were no comparable adjustment in the same period of 2024. R&D expense also includes payments made to expand our proteins product offering through our agreement with Navigo Proteins GmbH (â€œNavigoâ€). Such expenses were $0.9 million and $1.7 million for the three and six months ended June 30, 2024, as compared to $1.2 million and $2.3 million, respectively, for the same periods in 2023, in the form of milestone payments to Navigo. Selling, general and administrative expenses Selling, general and administrative (â€œSG&Aâ€) expenses include the costs associated with selling our commercial products and costs required to support our marketing efforts, including legal, accounting, patent, shareholder services, amortization of intangible assets and other administrative functions. SG&A costs increased by $15.7 million, or 32.1% during the three months ended June 30, 2024 and increased $21.2 million, or 20.2% during the six months ended June 30, 2024, as compared to the same periods of 2023. The increase in SG&A costs partially relate to the results of operations of FlexBiosys and Metenova, which have been included in our consolidated results of operations since the acquisition dates in April 2023 and October 2023, respectively. SG&A expenses also increased during the three and six months ended June 30, 2024, as compared to the same period of 2023 due to increases in employee-related costs, stock-based compensation, professional services and amortization. In addition, there were $0.2 million and $0.9 million in costs incurred from restructuring activities during the three and six months ended June 30, 2024, respectively, for which there were no comparable costs in the same periods of 2023. The increase in employee-related costs during the three and six months ended June 30, 2024, as compared to the same period of 2023 was due to an increase in SG&A headcount since June 30, 2023. Also included in this increase was the impact of an adjustment recorded during the second quarter of 2023 to decrease the bonus accrual, resulting in an increase to the expense for the three and six months ended June 30, 2024, as compared to the same period of 2023. In addition, the increase in employee-related costs for the six month period was also a result of our annual merit increase in salaries which occurred in the first quarter of 2024. During the second quarter of 2024, we recorded the incremental stock compensation expense of $4.4 million associated with the modification of our Chief Executive Officerâ€™s (â€œCEOâ€) unvested equity awards resulting from the announcement of his transition from CEO to Executive Chair of our Board, which was announced on June 12, 2024 and effective September 1, 2024. For more information on the CEOâ€™s transition to Executive Chair of our Board. See Note 9, â€Stockholdersâ€™ Equity - Chief Executive Officer Accounting Modificationsâ€ included in this report. Professional fees increased primarily due to added legal services during the second quarter of 2024. Contingent consideration Contingent consideration expense represents the change in fair value of the contingent consideration obligation included in current and noncurrent contingent consideration on the condensed consolidated balance sheets as of the end of each period. Remeasurement of the contingent consideration obligation is done each quarter and the carrying value of the obligation is adjusted to the current fair value through our condensed consolidated statements of comprehensive income (loss). Expected results and a change in market inputs used to calculate the discount rate, resulted in a change reported for the three and six months ended June 30, 2023 of $1.8 million and $3.0 million, respectively. No adjustment was recorded for the three and six months ended June 30, 2024 as managementâ€™s assessment was that the balances of the contingent consideration obligations already represented fair value. 30 Â Other income, net The table below provides detail regarding our other income, net: Â Â Three Months EndedJune 30, Â Â Increase/(Decrease) Â Â Six Months EndedJune 30, Â Â Increase/(Decrease) Â Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â Â (Amounts in thousands, except for percentage data) Â Investment income Â $ 9,411 Â Â $ 5,964 Â Â $ 3,447 Â Â Â 57.8 % Â $ 18,404 Â Â $ 11,450 Â Â $ 6,954 Â Â Â 60.7 % Interest expense Â Â (4,981) Â Â (274) Â Â (4,707) Â Â 1717.9 % Â Â (9,872) Â Â (544) Â Â (9,328) Â Â 1714.7 % Amortization of debt issuance costs Â Â (520) Â Â (457) Â Â (63) Â Â 13.8 % Â Â (1,003) Â Â (914) Â Â (89) Â Â 9.7 % Other (expenses) income Â Â (215) Â Â 528 Â Â Â (743) Â Â (140.7 %) Â Â (3,751) Â Â 605 Â Â Â (4,356) Â Â (720.0 %) Total other income, net Â $ 3,695 Â Â $ 5,761 Â Â $ (2,066) Â Â (35.9 %) Â $ 3,778 Â Â $ 10,597 Â Â $ (6,819) Â Â (64.3 %) Investment income Investment income includes income earned on invested cash balances. Our investment income increased by $3.4 million and $7.0 million for the three and six months ended June 30, 2024, as compared to the same periods of 2023 due to an increase in interest rates on higher average invested cash balances since June 30, 2023. Offsetting this increase was a decrease in interest earned in 2023 on U.S. treasury bills purchased at the end of 2022, for which there was no comparable amount recorded in 2024. We expect investment income to vary based on changes in the amount of funds invested and fluctuation of interest rates. Interest expense Interest expense for the three and six months ended June 30, 2024 is primarily from contractual coupon interest on the convertible debt outstanding as of June 30, 2024. On December 14, 2023, we entered into a privately negotiated exchange and subscription agreement with certain holders of our 0.375% Convertible Senior Notes due 2024 (the â€œ2019 Notesâ€) and certain new investors pursuant to which we issued $600.0 million aggregate principal amount of 1.00% Convertible Senior Notes due 2028 (the â€œ2023 Notesâ€). Interest expense for the three and six months ended June 30, 2024 was $0.1 million of interest on the 2019 Notes for each period, compared to $0.3 million and $0.5 million, respectively of interest expense on the 2019 Notes in the same periods of 2023. Interest expense for the three and six months ended June 30, 2024 also includes $1.5 million and $3.0 million, respectively, of contractual coupon interest on the 2023 Notes as well as $3.4 million and $6.7 million, respectively, in accretion of the $82.1 million debt discount on the modified notes, which includes the accretion of an increase in principal and the accretion of increased fair value of the conversion option for the three and six months ended June 30, 2024, for which there were no comparable costs in the same periods of 2023. See Note 8, â€œConvertible Senior Notes,â€ to our condensed consolidated financial statements included in this report for more information on this transaction. Amortization of debt issuance costs Transaction costs related to the issuance of the 2019 Notes and the 2023 Notes are amortized to amortization of debt issuance costs on the condensed consolidated statements of comprehensive income (loss). For the three and six months ended June 30, 2024, amortization of debt issuance costs included $0.1 million and $0.2 million, respectively, of amortization of costs related to the 2019 Notes and $0.4 million and $0.8 million, respectively, of amortization of costs related to the 2023 Notes, compared to $0.5 million and $0.9 million, respectively, of amortization related to the 2019 Notes recorded in the three and six months ended June 30, 2023. Other (expenses) income The change in other (expenses) income for the three and six months ended June 30, 2024, compared to the same periods of 2023, is primarily attributable to realized and unrealized foreign currency gains and losses related to transactions with customers and vendors, as well as the revaluation impact of intercompany loans with subsidiaries. Income tax provision Income tax provision for the three and six months ended June 30, 2024 and 2023 was as follows: 31 Â Â Â Three Months EndedJune 30, Â Â Increase/(Decrease) Â Â Six Months EndedJune 30, Â Â Increase/(Decrease) Â Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â 2024 Â Â 2023 Â Â $ Change Â Â % Change Â Â Â (Amounts in thousands, except for percentage data) Â Income tax provision Â $ 1,861 Â Â $ 5,096 Â Â $ (3,235) Â Â (63.5 %) Â $ 1,881 Â Â $ 12,359 Â Â $ (10,478) Â Â (84.8 %) Effective tax rate Â Â 35.9 % Â Â 20.3 % Â Â Â Â Â Â Â Â 25.8 % Â Â 20.2 % Â Â Â Â Â Â For the three and six months ended June 30, 2024, we recorded an income tax provision of $1.9 million, in each respective period. The effective tax rate was 35.9% and 25.8% for the three and six months ended June 30, 2024, respectively, and is based upon the estimated income for the year ending December 31, 2024 and the composition of income in different jurisdictions. The difference in effective tax rates between the periods was primarily due to lower income before income taxes and nondeductible stock compensation, partially offset by stock windfall tax benefits. Our effective tax rates for the three and six months ended June 30, 2024 were higher than the U.S. statutory rate of 21% primarily due to nondeductible stock compensation partially offset by stock windfall tax benefits. For the three and six months ended June 30, 2023, we recorded an income tax provision of $5.1 million and $12.4 million, respectively. The effective tax rate was 20.3% and 20.2% for the three and six months ended June 30, 2023, respectively, and is based upon the estimated income for the year ending December 31, 2023 and the composition of income in different jurisdictions. The difference in effective tax rates between the periods was primarily due to lower income before income taxes and increased benefits from business tax credits partially offset by nondeductible contingent consideration and lower foreign-derived intangible income. Our effective tax rates for three and six months ended June 30, 2023 were lower than the U.S. statutory rate of 21% primarily due to business tax credits, foreign-derived intangible income and stock windfall tax benefits recognized on stock option exercises and the vesting of stock units. In 2021, the Organization of Economic Co-operation and Development announced an Inclusive Framework on Base Erosion and Profit Sharing with the goal of achieving consensus around substantial changes to international tax policies, including the implementation of a minimum global effective tax rate of 15%. We continue to evaluate the impacts of enacted legislation and pending legislation in the tax jurisdictions in which we operate. While various countries have implemented the legislation as of January 1, 2024, we do not expect a resulting material impact to our income tax provision for the 2024 fiscal year. Liquidity and Capital Resources We have financed our operations primarily through revenues derived from product sales, the issuance of the 2019 Notes in July 2019, the 2023 Notes in December 2023 and the issuance of common stock in our December 2020, July 2019 and May 2019 public offerings. Our revenue for the foreseeable future will primarily be limited to our bioprocessing product revenue. On March 10, 2023, Silicon Valley Bank (â€œSVBâ€) was closed by the California Department of Financial Protection and Innovation, which appointed the FDIC as receiver. Subsequently, the U.S. Treasury, Federal Reserve and FDIC announced that SVB depositors would have access to all of their money. We have a banking relationship with SVB and hold cash, cash equivalents and marketable securities of $0.2 million as of June 30, 2024 in SVB depository accounts to cover short-term operational payments. While we have not experienced any losses in such accounts, the failure of SVB in 2023 caused us to utilize our accounts at other financial institutions in order to mitigate potential operational risks stemming from the temporary inability to access funds in our SVB operating accounts. As a result of bank failures, such as SVB, our access to funding sources in amounts adequate to finance or capitalize our current and projected future business operations could be significantly impaired and could negatively impact the financial institutions with which we have direct arrangements, or the financial services industry or economy in general. At June 30, 2024, we had cash and cash equivalents of $809.1 million compared to cash and cash equivalents of $751.3 million at December 31, 2023. On December 14, 2023, the Company issued $600.0 million aggregate principal amount of its 2023 Notes in a private placement pursuant to separate, privately negotiated exchange and subscription agreements (the â€œExchange and Subscription Agreementsâ€) with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933, as amended (â€œSecurities Actâ€). Pursuant to the Exchange and Subscription Agreements, the Company exchanged $217.7 million of its 2019 Notes for $309.9 million aggregate principal amount of the 2023 Notes (the â€œExchange Transactionâ€) and issued $290.1 million aggregate principal amount of the 2023 Notes (the â€œSubscription Transactionsâ€) for $290.1 million in cash. Proceeds from the Subscription Transactions amounted to $276.1 million after debt 32 Â issuance costs of $13.9 million. The 2023 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 1.00% per year. Interest is payable semi-annually in arrears on each June 15 and December 15, commencing on June 15, 2024. The 2023 Notes will mature on December 15, 2028, unless earlier redeemed, repurchased or converted. During the first quarter of 2024, the closing price of the Company's common stock did not exceed 130% of the conversion price of the 2023 Notes for more than 20 trading days of the last 30 consecutive trading days of the quarter. As a result, the 2023 Notes are not convertible at the option of the holders of the 2023 Notes during the third quarter of 2024, the quarter immediately following the quarter when the conditions are met, as stated in the indenture governing the 2023 Notes. For more information on the 2023 Notes, see Note 8, "Convertible Senior Notes," to this report. The remaining 2019 Notes are convertible at the option of the holders as of June 30, 2024 at any time regardless of prior conditions that were in place and will be convertible until the close of business on July 11, 2024, the second trading day immediately preceding the maturity date of the 2019 Notes during the second quarter of 2024, the quarter immediately following the quarter when the conditions are met, as stated in the terms of the 2019 Notes. As of the date of this filing, excluding the Exchange Transaction mentioned above, the Company has received requests to convert $0.3 million aggregate principal amount of the 2019 Notes and all but $5,000 in aggregate principal requested prior to June 30, 2024 have been settled as of June 30, 2024. These conversions resulted in the issuance of a nominal number of shares of the Companyâ€™s common stock to the note holders. The remaining $5,000 in aggregate principal will settle with the 2019 Notes that are submitted for conversion prior to July 11, 2024. We will use proceeds from the Exchange Transaction to finance in part, the settlement upon conversion of the remaining 2019 Notes at maturity on July 15, 2024. Cash Flows Â Â Â Six Months EndedJune 30, Â Â Increase/(Decrease) Â Â Â 2024 Â Â 2023 Â Â $ Change Â Â Â (Amounts in thousands) Â Cash provided by (used in): Â Â Â Â Â Â Â Â Operating activities Â $ 86,898 Â Â $ 45,622 Â Â $ 41,276 Â Investing activities Â Â (15,762) Â Â 55,400 Â Â Â (71,162) Financing activities Â Â (14,747) Â Â (18,388) Â Â 3,641 Â Effect of exchange rate changes on cash and cash equivalents Â Â 1,434 Â Â Â (2,436) Â Â 3,870 Â Net increase in cash and cash equivalents Â $ 57,823 Â Â $ 80,198 Â Â $ (22,375) Â Â Â Â Â Â Â Â Operating activities For the six months ended June 30, 2024, our operating activities provided cash of $86.9 million reflecting net income of $5.4 million and non-cash charges totaling $56.6 million primarily related to depreciation, intangible amortization, amortization of debt discount and issuance costs, stock-based compensation charges and deferred income taxes. We had a decrease in inventory manufactured that provided $10.5 million, a net increase in accounts payable and accrued expenses of $9.9 million, primarily due to an increase in unearned revenue and accrued employee bonuses, and a net increase in operating lease liability due to new operating leases entered into during 2024 providing cash of $7.5 million. An increase in prepaid expenses, primarily related to subscriptions and taxes consumed $2.0 million. The remaining cash used in operating activities resulted from unfavorable changes in various other working capital accounts. For the six months ended June 30, 2023, our operating activities provided cash of $45.6 million reflecting net income of $48.9 million and non-cash charges totaling $44.3 million primarily related to depreciation, amortization, contingent consideration fair value adjustments, deferred income taxes and stock-based compensation charges. An increase in accounts receivable consumed $4.6 million of cash and was primarily driven by the timing of collections from customers. Additionally, we

had an increase in inventory of $2.5 million and an $11.5 million increase in prepaid expenses, primarily due to prepaid taxes and subscriptions. A decrease in accounts payable consumed $3.9 million due to timing of payments to vendors. A decrease in accrued liabilities consumed $26.2 million primarily related to the payment of employee bonuses during the six months ended June 30, 2023. The remaining cash provided by operating activities resulted from favorable changes in various other working capital accounts. Investing activities Our investing activities consumed $15.8 million of cash during the six months ended June 30, 2024, which was due to capital expenditures during 2024. Included in this amount were capitalized costs related to our internal-use software for the six months ended June 30, 2024. 33 Â Our investing activities provided $55.4 million of cash during the six months ended June 30, 2023, primarily due to the maturity of our short-term investment in U.S. treasury securities in June 2023, which provided cash of $102.3 million. We used $28.1 million in cash (net of cash received) for the FlexBiosys Acquisition. Capital expenditures consumed $18.8 million in 2023 as we continued to increase our manufacturing capacity worldwide. Of these expenditures, $2.1 million represented capitalized costs related to our internal-use software for the six months ended June 30, 2023. Financing activities Our financing activities consumed $14.7 million of cash for the six months ended June 30, 2024, primarily for $8.9 million in cash disbursed for shares withheld to cover employee income tax due upon the vesting and release of restricted stock units and the payments of $2.2 million and $5.2 million to settle the cash portion of the contingent earnout obligations related to our acquisition of FlexBiosys in April 2023 and Avitide in September 2021, respectively. These payments were partially offset by proceeds received from stock option exercises during the period. Our financing activities consumed $18.4 million of cash during the six months ended June 30, 2023, primarily for $11.1 million of cash disbursed in relation to shares withheld to cover employee income tax due upon the vesting and release of restricted stock units and the payment of $7.3 million to settle the cash portion of the contingent earnout obligation related to our acquisition of Avitide. This was partially offset by proceeds received from stock option exercises during the period. Working capital increased by $31.7 million to $984.6 million at June 30, 2024 from $952.9 million at December 31, 2023 due to the various changes noted above. Effect of exchange rate changes on cash and cash equivalents The effect of exchange rate changes on cash during the six months ended June 30, 2024 is a result of the weakening of the Swedish krona against the U.S. dollar by 5% and the weakening of the Euro against the U.S. dollar by 3%. Our future capital requirements will depend on many factors, including the following: â€¢the expansion of our bioprocessing business; â€¢the ability to sustain sales and profits of our bioprocessing products and successfully integrate them into our business; â€¢our ability to acquire additional bioprocessing products; â€¢the scope of and progress made in our R&D activities; â€¢the scope of investment in our intellectual property portfolio; â€¢contingent consideration earnout payments resulting from our acquisitions; â€¢the extent of any share repurchase activity; â€¢the success of any proposed financing efforts; â€¢general economic and capital markets; â€¢change in accounting standards; â€¢the impact of inflation on our operations, including our expenditures on raw materials and freight charges; â€¢fluctuations in foreign currency exchange rates; and â€¢costs associated with our ability to comply with, emerging environmental, social and governance standards. Absent acquisitions of additional products, product candidates or intellectual property and absent the need to satisfy any debt conversions, we believe our current cash balances are adequate to meet our cash needs for at least the next 24 months from the date of this filing. We expect operating expenses for the remainder of the fiscal year to increase as we continue to expand our bioprocessing business. We expect to incur continued spending related to the development and expansion of our bioprocessing product lines and expansion of our commercial capabilities for the foreseeable future. Our future capital requirements may include, but are not limited to, purchases of property, plant and equipment, the acquisition of additional bioprocessing products and technologies to complement our existing manufacturing capabilities and continued investment in our intellectual property portfolio. 34 Â We plan to continue to invest in our bioprocessing business and in key R&D activities associated with the development of new bioprocessing products. We actively evaluate various strategic transactions on an ongoing basis, including acquiring products, technologies or businesses that would complement our existing portfolio. We continue to seek to acquire such potential assets that may offer us the best opportunity to create value for our shareholders. In order to acquire such assets, we may need to seek additional financing to fund these investments. If our available cash balances and anticipated cash flow from operations are insufficient to satisfy our liquidity requirements, including because of any such acquisition-related financing needs, the need to fund debt conversions, or due to lower demand for our products, we may seek to sell common or preferred equity or convertible debt securities, enter into a credit facility or another form of third-party funding, or seek other debt funding. The sale of equity and convertible debt securities may result in dilution to our shareholders, and those securities may have rights senior to those of our common shares. If we raise additional funds through the issuance of preferred stock, convertible debt securities or other debt financing, these securities or other debt could contain covenants that would restrict our operations. Any other third-party funding arrangement could require us to relinquish valuable rights. We may require additional capital beyond our currently anticipated amounts. Additional capital may not be available on reasonable terms, if at all. Net Operating Loss Carryforwards At December 31, 2023, the Company had federal net operating loss carryforwards of $31.1 million, state net operating loss carryforwards of $1.5 million and foreign net operating loss carryforwards of $4.9 million. The state net operating loss carryforwards will expire at various dates through 2043, while the federal and foreign net operating loss carryforwards have unlimited carryforward periods and do not expire. We had state business tax credits carryforwards of $5.0 million available to reduce future federal and state income taxes. The business tax credits carryforwards will expire at various dates through December 2043. Net operating loss carryforwards and available tax credits are subject to review and possible adjustment by the Internal Revenue Service, state and foreign jurisdictions and may be limited in the event of certain changes in the ownership interest of significant shareholders. Effects of Inflation Our assets are primarily monetary, consisting mainly of cash and cash equivalents. Because of their liquidity, these assets are not directly affected by inflation. Since we intend to retain and continue to use our equipment, furniture, fixtures and office equipment, computer hardware and software and leasehold improvements, we believe that the incremental inflation related to replacement costs of such items will not materially affect our operations. However, the rate of inflation affects our expenses, such as those for employee compensation and contract services, which could increase our level of expenses and the rate at which we use our resources. Cautionary Statement Regarding Forward-Looking Statements This Quarterly Report on Form 10-Q contains forward-looking statements which are made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (the â€œExchange Actâ€). The forward-looking statements in this Quarterly Report on Form 10-Q do not constitute guarantees of future performance. Investors are cautioned that statements in this Quarterly Report on Form 10-Q which are not strictly historical statements, including, without limitation, express or implied statements or guidance regarding current or future financial performance and position, potential impairment of future earnings, managementâ€™s strategy, plans and objectives for future operations or acquisitions, expectations and beliefs for recently-completed acquisitions, product development and sales, restructuring activities and the expected results thereof, product candidate research, development and regulatory approval, SG&A expenditures, intellectual property, development and manufacturing plans, availability of materials and product and adequacy of capital resources, our financing plans and the projected continued impact of, and response to, COVID-19 constitute forward-looking statements. These forward-looking statements are based on current expectations, estimates, forecasts and projections about the industry and markets in which the Company operates, and managementâ€™s beliefs and assumptions. The Company undertakes no obligation to publicly update or revise the statements in light of future developments. In addition, other written and oral statements that constitute forward-looking statements may be made by the Company or on the Companyâ€™s behalf. Words such as â€œexpect,â€ â€œseek,â€ â€œanticipate,â€ â€œintend,â€ â€œplan,â€ â€œbelieve,â€ â€œcould,â€ â€œestimate,â€ â€œmay,â€ â€œtarget,â€ â€œproject,â€ or variations of such words and similar expressions are intended to identify forward-looking statements. Such forward-looking statements are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated, including, without limitation, risks associated with the following: the success of current and future collaborative or supply relationships, including our agreements with Cytiva, MilliporeSigma and Purolite Life Sciences, an Ecolab Inc. company; our ability to 35 Â successfully grow our bioprocessing business, including as a result of acquisitions, commercialization or partnership opportunities, and our ability to develop and commercialize products; our ability to obtain required regulatory approvals; our compliance with all U.S. Food and Drug Administration regulations, our ability to obtain, maintain and protect intellectual property rights for our products; the risk of litigation regarding our patent and other intellectual property rights; the risk of litigation with collaborative partners; our manufacturing capabilities and our dependence on third-party manufacturers and value-added resellers; our ability to hire and retain skilled personnel; the market acceptance of our products, reduced demand for our products that adversely impacts our future revenues, cash flows, results of operations and financial condition; our ability to integrate acquired businesses successfully into our business and achieve the expected benefits of the acquisitions; our ability to compete with larger, better financed life sciences companies; our history of losses and expectation of incurring losses; our ability to generate future revenues; our ability to successfully integrate our recently acquired businesses; our ability to raise additional capital to fund potential acquisitions; our volatile stock price; and the effects of our anti-takeover provisions. Further information on potential risk factors that could affect our financial results are included in the filings made by us from time to time with the SEC including under the sections entitled â€œRisk Factorsâ€ in our Form 10-K. Â ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK For information regarding our exposure to certain market risks, see Part II, Item 7A, â€œQuantitative and Qualitative Disclosures About Market Risk,â€ of our Annual Report on Form 10-K for the year ended December 31, 2023. There were no material changes to our market risk exposure during the three months ended June 30, 2024. ITEM 4. CONTROLS AND PROCEDURES Disclosure Controls and Procedures The Companyâ€™s management, with the participation of the principal executive officer and the principal financial officer, has evaluated the effectiveness of the Companyâ€™s disclosure controls and procedures (as defined in Rules 13a-15(e) or 15d-15(e) under the Exchange Act) as of the end of the period covered by this report. Based on such evaluation, the principal executive officer and principal financial officer have concluded that, as of the end of such period, the Companyâ€™s disclosure controls and procedures were not effective because of the previously reported material weakness in our internal control over financial reporting, which is described in Part II, Item 9A, â€œControls and Proceduresâ€ of our Annual Report on Form 10-K for the year ended December 31, 2023. Material Weakness A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting such that there is a reasonable possibility that a material misstatement of our condensed consolidated financial statements will not be prevented or detected on a timely basis. As disclosed in Item 9A of the Form 10-K, management identified a material weakness in the operation of its controls over the deferred income tax accounting for complex and non-routine transactions. Specifically, management did not have adequate supervision and review controls over the complex accounting for deferred income tax on the exchange of our outstanding 0.375% Convertible Senior Notes due 2024 and the issuance of 1.00% Convertible Senior Notes due 2028, including work performed by external advisors and the internal review of such transaction and related analysis. Based on this material weakness, the Companyâ€™s management concluded that as of and for the year ended December 31, 2023, the Companyâ€™s internal control over financial reporting was not effective. Ongoing Remediation Efforts to Address the Previously Identified Material Weakness As previously disclosed in the Form 10-K, management is implementing remedial actions under the oversight of the Audit Committee of the Board of Directors to address the identified deficiencies. On highly-technical, non-routine and complex accounting transactions, the Company will continue to engage nationally recognized third-party advisors with the requisite skills and technical expertise to assist in assessing, performing and reviewing such transactions. However, management is implementing improvements in identifying and selecting qualified third-party advisors; a process to verify controls, processes and internal reviews performed by the third-party advisors; a process to consider whether the non-routine transaction warrants additional advisor oversight; and a plan to increase education for internal resources on complex transactions. 36 Â As the Company continues to evaluate and work to improve its internal control over financial reporting, management may determine to take additional measures to strengthen controls or to modify the remediation plan described above. When fully implemented and operational, the Company believes the controls they designed or plan to design will remediate the control deficiencies that have led to the material weakness that were identified. The previously identified material weakness will not be considered remediated until the applicable controls operate for a sufficient period of time and management has concluded, through testing, that these controls are operating effectively. Changes in Internal Control In connection with our initiative to integrate and enhance our global information technology systems and business processes, we continued the phased implementation of a new enterprise resource planning (â€œERPâ€) system. The Company is implementing the ERP system in phases through 2024. The implementation of the ERP system is expected to, among other things, automate a number of accounting and reporting processes and activities, thereby decreasing the amount of manual processes previously required. As a result of this implementation, we modified certain existing internal controls over financial reporting as well as implemented new controls and procedures related to the new ERP systems. Other than the foregoing, there have been no changes in our internal control over financial reporting identified in connection with the evaluation required by paragraph (d) of Exchange Act Rule 13a-15 or Rule 15d-15 that occurred in the three months ended June 30, 2024 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. 37 Â PART II. OTHER INFORMATION ITEM 1. LEGAL PROCEEDINGS From time to time, we may be subject to legal proceedings and claims in the ordinary course of business. We are not currently aware of any such proceedings or claims that we believe will have, individually or in the aggregate, a material adverse effect on our business, financial condition or results of operations, nor are we aware of any governmental proceedings involving potential monetary sanctions of $0.3 million or more. ITEM 1A. RISK FACTORS The matters discussed in this Quarterly Report on Form 10-Q (â€œForm 10-Qâ€) include forward-looking statements that involve risks or uncertainties. These statements are neither promises nor guarantees, but are based on various assumptions by management regarding future circumstances, over many of which Repligen has little or no control. A number of important risks and uncertainties, including those identified under the caption â€œRisk Factorsâ€ in Part I, Item 1A of our Annual Report on Form 10-K for the period ended December 31, 2023 (â€œForm 10-Kâ€) and in subsequent filings, could cause our actual results to differ materially from those in the forward-looking statements. As contemplated in Item 1A, entitled â€œRisk Factors,â€ in the Company's Form 10-K, the Company has in the past and may in the future experience data security incidents. If successful, these attacks could affect service reliability and threaten the confidentiality, integrity, and availability of information. The Company is updating the risk factor captioned â€œOur internal computer systems, or those of our customers, collaborators or other contractors, may be subject to cyber-attacks or security breaches, which could result in a material disruption of our product development programsâ€ to reference the following incident: As described on the Current Report on Form 8-K filed on July 15, 2024, on July 9, 2024, the Company discovered that an unauthorized third party had accessed certain files on the Companyâ€™s information systems. Based on information currently known as of the date of this Form 10-Q and managementâ€™s current assessment of quantitative and qualitative factors (including reputational harm, adverse impacts on relationships with vendors, customers and other business partners, and the impact of the foregoing on the Companyâ€™s stockholders), the Company does not believe this incident will have a material impact on its financial condition and results of operations. In addition, as of the date this Form 10-Q other than the Companyâ€™s response and remediation activities, the incident has not had an impact on the Companyâ€™s business or operations. Other than the foregoing, there have been no material changes to the risk factors disclosed in Item 1A, entitled â€œRisk Factors,â€ in the Companyâ€™s Form 10-K. ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS None. ITEM 3. DEFAULTS UPON SENIOR SECURITIES None. ITEM 4. MINE SAFETY DISCLOSURES Not applicable. ITEM 5. OTHER INFORMATION Rule 10b5-1 Trading Plans None of the Companyâ€™s directors or officers (as defined in Rule 16a-1(f) of the Securities Exchange Act of 1934) adopted, modified, or terminated a Rule 10(b)5-1 trading arrangement during the Companyâ€™s fiscal quarter ended June 30, 2024. Â Â 38 Â ITEM 6. EXHIBITS (a)Exhibits Â ExhibitNumber Document Description 3.1 Â Restated Certificate of Incorporation dated June 30, 1992, as amended September 17, 1999 (filed as Exhibit 3.1 to Repligen Corporation's Quarterly Report on Form 10-Q for the quarter ended September 30, 1999 and incorporated herein by reference). Â Â Â 3.2 Â Certificate of Amendment to the Certificate of Incorporation of Repligen Corporation, effective as of May 16, 2014 (filed as Exhibit 3.1 to Repligen Corporation's Current Report on Form 8-K filed on May 19, 2014 and incorporated herein by reference). Â Â Â 3.3 Â Certificate of Amendment to the Certificate of Incorporation of Repligen Corporation, effective May 19, 2023 (filed as Exhibit 3.1 to Repligen Corporation's Current Report on Form 8-K filed on May 22, 2023 and incorporated herein by reference). Â Â Â 3.4 Â Third Amended and Restated Bylaws (filed as Exhibit 3.1 to Repligen Corporation's Current Report on Form 8-K filed on January 28, 2021 and incorporated herein by reference). Â Â Â 10.1+â€ Â Fourth Amended and Restated Employment Agreement, dated June 12, 2024, by and between Repligen Corporation and Tony J. Hunt. Â Â Â 10.2+â€ Â Employment Agreement, dated June 12, 2024, by and between Repligen Corporation and Olivier Loeillot. Â Â Â 31.1 + Rule 13a-14(a)/15d-14(a) Certification. 31.2 + Rule 13a-14(a)/15d-14(a) Certification. 32.1 * Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. 101.INS Inline XBRL Instance Document â€“ the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. 101.SCH Inline XBRL Taxonomy Extension Schema With Embedded Linkbase Documents. Â 104 Cover page formatted as Inline XBRL and contained in Exhibits 101. + Filed herewith. * Furnished herewith. â€ Indicates a management contract or a compensatory plan, contract or arrangement. Â 39 Â SIGNATURES Pursuant to

the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. Â Â Â Â REPLIGEN CORPORATION Â Â Â Â Date: July 30, 2024 By: /S/ TONYÂ J. HUNT Tony J. Hunt Chief Executive Officer (Principal executive officer) Repligen Corporation Â Â Â Â Date: July 30, 2024 By: /S/ JASON K. GARLAND Jason K. Garland Chief Financial Officer (Principal financial officer) Repligen Corporation 40 EX-10.1 2 rgen-ex10_1.htm EX-10.1 EX-10.1 EXHIBIT 10.1 FOURTH AMENDED AND RESTATED EMPLOYMENT AGREEMENT This Fourth Amended and Restated Employment Agreement (the â€œAgreementâ€) is made this 12th day of June, 2024 between Repligen Corporation, a Delaware corporation (the â€œCompanyâ€), and Anthony Hunt (the â€œExecutiveâ€) and shall become effective on September 1, 2024 (the â€œEffective Dateâ€). WHEREAS, the Company and the Executive are parties to the Third Amended and Restated Employment Agreement dated May 26, 2022 (the â€œPrior Agreementâ€). WHEREAS, the Prior Agreement shall remain effective until the Effective Date; WHEREAS, effective as of the Effective Date (subject to the Executiveâ€™s employment with the Company through such date), this Agreement shall amend, restate and supersede the Prior Agreement, provided that the noncompetition provisions contained in Section 7(d) of the Prior Agreement (Noncompetition and Nonsolicitation) are unaffected by this Agreement, are reproduced, unaltered in Section 7(d) herein and remain in full effect. NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows: 1.Employment. Subject to the Executiveâ€™s employment with the Company through the Effective Date: Â a.Executive Chair Period. Â i.As of the Effective Date, the Executive shall cease serving as the Chief Executive Officer of the Company and shall begin serving as the Executive Chair of the Company. It is expected that the Executive shall remain employed by the Company as Executive Chair until March 2, 2026 (the â€œAnticipated Executive Chair End Dateâ€), although the Executiveâ€™s employment may be earlier terminated by the Executive for any reason, by the Company for or without Cause, or due to the Executiveâ€™s death or Disability (as defined below). The Executiveâ€™s actual last day of employment with the Company as Executive Chair, whether it be the Anticipated Executive Chair End Date or an earlier date (as provided in the preceding sentence), is the â€œExecutive Chair End Date,â€ and the period between the Effective Date and the Executive Chair End Date is the â€œExecutive Chair Period.â€ ii.As Executive Chair: (i) the Executive shall Chair the Board of Directors and have such powers and duties as may from time to time be prescribed by the Board of Directors of the Company (the â€œBoardâ€) in good faith, which shall include working the Companyâ€™s new Chief Executive Officer (the â€œCEOâ€ in areas such as Strategy, Business Development, and New Product Planning. Â b.Advisor Period. Â Â Â Â i.If the Executive remains employed by the Company through the Anticipated Executive Chair End Date, effective as of the Anticipated Executive Chair End Date, the Executive shall transition to an Advisor role with the Company. Such Advisor role shall be a W-2 employment role. As an Advisor, the Executive shall be available to consult with the Company as reasonably requested by the Company. Â ii.The Executive shall remain employed by the Company as an Advisor until March 2, 2027 (the â€œAnticipated Retirement Dateâ€), unless the Executive earlier resigns, the Company earlier terminates the Executiveâ€™s employment for or without Cause, or the Executiveâ€™s employment earlier terminates due to the Executiveâ€™s death or Disability. The Anticipated Retirement Date, or any earlier termination date as provided in the preceding sentence, is the â€œRetirement Date,â€ and the period between the Anticipated Executive Chair End Date and the Retirement Date is the â€œAdvisor Period.â€ Â c.No Outside Activities During Employment. During the Executiveâ€™s employment with the Company, the Executive shall not engage in any outside business activities. Notwithstanding the foregoing, the Executive may serve on other boards of directors, with the approval of the Board, or engage in religious, charitable or other community activities as long as such services and activities are disclosed to the Board and do not materially interfere with the Executiveâ€™s performance of his duties to the Company as provided in this Agreement. Â d.No Good Reason or Termination Without Cause Under Prior Agreement. To avoid doubt, the Executive agrees that this Agreement, and the terms contained in this Agreement, shall not constitute Good Reason or a termination without Cause under the Prior Agreement, and (as of the Effective Date) the Executive waives any rights to severance benefits, or other compensation or benefits associated with a termination for Good Reason or without Cause under the Prior Agreement. Â 2.Compensation and Related Matters. Â a.Compensation During Executive Chair Period. During the Executive Chair Period, the following compensation terms shall apply: Â i.Base Salary. The Executiveâ€™s annual base salary rate shall be $440,000. The Executiveâ€™s base salary shall be redetermined annually by the Compensation Committee. The base salary in effect at any given time is referred to herein as â€œBase Salary.â€ The Base Salary shall be payable in a manner that is consistent with the Companyâ€™s usual payroll practices for senior executives. Â 2Â Â Â ii.Annual Bonus. The Executive shall be eligible to receive an annual performance bonus under the Companyâ€™s Executive Incentive Compensation Plan (or such other applicable plan or program adopted by the Company) (the â€œBonus Planâ€). Commencing on the Effective Date, the Executiveâ€™s target annual bonus shall be 52.5% of the Base Salary, provided that, with respect to the portion of the 2024 bonus year prior to the Effective Date, the Executiveâ€™s target annual bonus shall be 105% of Base Salary (i.e. the Executiveâ€™s CEO bonus target). The actual bonus will be subject to the Boardâ€™s assessment of the Executiveâ€™s performance, as well as business conditions at the Company. The bonus also will be subject to approval by and adjustment at the discretion of the Board or Compensation Committee of the Board (the â€œCompensation Committeeâ€) and the terms of the Bonus Plan. The annual performance bonus, if any, shall be paid between January 1 and March 15 of the calendar year following the applicable bonus year. The Board expects to review the Executiveâ€™s job performance on an annual basis and will discuss with the Executive the criteria which the Board will use to assess the Executiveâ€™s performance for bonus purposes. The Board or Compensation Committee also may make adjustments in the targeted amount of the Executiveâ€™s annual performance bonus. Â iii.Incentive Equity Grants. Notwithstanding anything to the contrary in the applicable Company equity incentive plan or in any applicable written award agreement, the Executive shall continue to vest in all outstanding stock options and other stock-based awards of the Company held by the Executive as of the Effective Date (â€œEquity Awardsâ€). The Equity Awards shall otherwise remain subject in all respects to the applicable Company equity incentive plan and any the applicable written award agreements between the Executive and the Company governing such Equity Awards (collectively, the â€œLTI Documentsâ€). Â iv.Expenses. The Executive shall be entitled to receive prompt reimbursement for all reasonable expenses incurred by him during the term of his employment and in performing services hereunder, in accordance with the policies and procedures then in effect and established by the Company for its senior executive officers. Â v.Other Benefits. The Executive shall be eligible to participate in or receive benefits, including without limitation group medical, dental and vision benefits, under the Companyâ€™s employee benefit plans in effect from time to time, subject to the terms of such plans. Â vi.Vacations. The Executive shall be entitled to paid time off (vacation/personal days) to the extent mutually agreed between the Executive and the Company. Â b.Compensation During Advisor Period. During the Advisor Period: Â i.Base Salary. The Executiveâ€™s annual base salary rate shall be the applicable FLSA base salary minimum for Massachusetts employees in effect from time to time (currently 3Â Â Â $35,568 annualized). The Base Salary shall be payable in a manner that is consistent with the Companyâ€™s usual payroll practices for senior executives. Â ii.Incentive Equity Grants. Notwithstanding anything to the contrary in the applicable Company equity incentive plan or in any applicable written award agreement, the Executive shall continue to vest in all Equity Awards held by the Executive as of the Anticipated Executive Chair End Date and the Equity Awards shall otherwise remain subject in all respects to the LTI Documents. Â iii.Expenses. The Executive shall be entitled to receive prompt reimbursement for all reasonable expenses incurred by him during the term of his employment and in performing services hereunder, in accordance with the policies and procedures then in effect and established by the Company for its senior executive officers. Â iv.Health Benefits. The Executive shall be eligible to receive group medical, dental and vision benefits, under the Companyâ€™s employee benefit plans in effect from time to time, subject to the terms of such plans and applicable law (collectively, the â€œHealth Benefitsâ€). Â c.No Further Equity Awards. The Executive agrees that the Executive shall not be eligible for any further Equity Awards after the Effective Date. Â d.Vesting of Performance Based Awards on Anticipated Retirement Date. If the Executive remains employed by the Company through the Anticipated Retirement Date, and subject to the Executive signing a separation agreement containing, among other provisions, a general release of claims in favor of the Company and related persons and entities, a seven (7) business day revocation period, a reaffirmation of the Executiveâ€™s obligations under Section 7 of this Agreement, and confidentiality, return of property and non-disparagement provisions, in a form and manner satisfactory to the Company (the â€œSeparation Agreement and Releaseâ€) and the Separation Agreement and Release becoming irrevocable, all within the time period required by the Separation Agreement and Release but in no event later than 60 days after the Date of Termination, a pro-rata portion of all Performance-Based Awards (as defined below) held by the Executive shall remain outstanding and eligible to vest at the end of the performance period based on actual performance through the end of the performance period. Pro-ration for purposes of this subsection (d) shall be determined based on the number of full months elapsed in the performance period through the Date of Termination (as defined below) relative to the total number of full months in the performance period. Notwithstanding anything to the contrary in the applicable LTI Documents, any termination or forfeiture of unvested shares underlying Performance-Based Awards that could vest pursuant to this subsection (d) and otherwise would have occurred on or prior to the Accelerated Vesting Date (as defined below) will be delayed until the Accelerated Vesting Date and will occur only to the extent such Performance-Based Awards do not vest pursuant to this subsection (d). Notwithstanding the foregoing, no additional vesting of such Performance-Based Awards shall occur during the period between the Executiveâ€™s Date of Termination and the Accelerated Vesting Date. For the avoidance of doubt, all other Equity Awards held by the Executive shall remain subject to the terms of the LTI Documents (as modified by this Agreement) in all respects, including without limitation with 4Â Â Â respect to the forfeiture of unvested Equity Awards as of the Date of Termination (as defined below). Â i.â€œAccelerated Vesting Dateâ€ means the later of (I) the Executiveâ€™s Date of Termination and (II) the effective date of the Executiveâ€™s Separation Agreement and Release. Â ii.â€œPerformance-Based Awardsâ€ means all then-outstanding Equity Awards that are subject to performance-based vesting and for which achievement of the performance metrics has not been determined as of the Date of Termination. Â 3.Termination. The Executiveâ€™s employment hereunder may be terminated without any breach of this Agreement under the following circumstances: Â a.Death. The Executiveâ€™s employment hereunder shall terminate upon his death. Â b.Disability. The Company may terminate the Executiveâ€™s employment if he is disabled and unable to perform the essential functions of the Executiveâ€™s then existing position or positions under this Agreement with or without reasonable accommodation for a period of 180 days (which need not be consecutive) in any 12-month period (a â€œDisabilityâ€). If any question shall arise as to whether during any period the Executive is Disabled so as to be unable to perform the essential functions of the Executiveâ€™s then existing position or positions with or without reasonable accommodation, the Executive may, and at the request of the Company shall, submit to the Company a certification in reasonable detail by a physician selected by the Company to whom the Executive or the Executiveâ€™s guardian has no reasonable objection as to whether the Executive is so Disabled or how long such Disability is expected to continue, and such certification shall for the purposes of this Agreement be conclusive of the issue. The Executive shall cooperate with any reasonable request of the physician in connection with such certification. If such question shall arise and the Executive shall fail to submit such certification, the Companyâ€™s determination of such issue shall be binding on the Executive. Nothing in this Section shall be construed to waive the Executiveâ€™s rights, if any, under existing law including, without limitation, the Family and Medical Leave Act of 1993, 29 U.S.C. Â§2601 et seq. and the Americans with Disabilities Act, 42 U.S.C. Â§12101 et seq. Â c.Termination by the Company Without Cause. The Company may terminate the Executiveâ€™s employment hereunder at any time without Cause. Any termination by the Company of the Executiveâ€™s employment under this Agreement which does not constitute a termination for Cause and does not result from the death or Disability of the Executive shall be deemed a termination without Cause. Â d.Termination by Company for Cause. Â 5Â Â Â i.The Company may terminate the Executiveâ€™s employment hereunder for Cause. For purposes of this Agreement, â€œCauseâ€ means: (i) conduct constituting a material act of misconduct in connection with the performance of the Executiveâ€™s duties, including, without limitation, misappropriation of funds or property of the Company or any of its subsidiaries or affiliates other than the occasional, customary and de minimis use of Company property for personal purposes; (ii) the commission of any felony or a misdemeanor involving moral turpitude, deceit, dishonesty or fraud; (iii) non-performance of the Executiveâ€™s duties hereunder (other than by reason of the Executiveâ€™s physical or mental illness, incapacity or disability) or repeated violations of the Executiveâ€™s material responsibilities and material duties as determined in good faith by the Company and which has continued for more than 30 days following written notice which notice shall specify in reasonable detail the performance problems and the actions required to cure such performance problems; (iv) a breach by the Executive of any of the material provisions contained in this Agreement that, if curable, is not cured with 30 days after the Company notifies the Executive in writing that it believes the Executive has materially breached his obligations under this Agreement, which notice shall specify in reasonable detail such breach and the actions required to cure such breach; (v) a material violation of any of the Companyâ€™s written employment policies as applied to other employees in the Company which has continued for more than 30 days following written notice which notice shall specify in reasonable detail such violation and the actions required to cure such violation; or (vi) failure to cooperate with a bona fide internal investigation or an investigation by regulatory or law enforcement authorities, after being instructed by the Company to cooperate, or the willful destruction or failure to preserve documents or other materials known to be relevant to such investigation or the inducement of others to fail to cooperate or to produce documents or other materials in connection with such investigation. Â e.Termination by the Executive. Â i.The Executive may terminate his employment hereunder at any time for any reason. ii.To avoid doubt, the Executive hereby agrees that, notwithstanding anything in the Prior Agreement, the Companyâ€™s severance plan or any other plan or agreement to the contrary, effective as of the Effective Date, the Executive shall not have the right to resign for Good Reason and shall no longer be eligible for Good Reason severance benefits. Â f.Notice of Termination. Except for termination due to the Executiveâ€™s death, any termination of the Executiveâ€™s employment by the Company or any termination by the Executive shall be communicated by written Notice of Termination to the other party hereto. For purposes of this Agreement, a â€œNotice of Terminationâ€ shall mean a notice which shall indicate the specific termination provision in this Agreement relied upon. Â g.â€œDate of Terminationâ€ shall mean: (i) if the Executiveâ€™s employment is terminated by his death, the date of his death; (ii) if the Executiveâ€™s employment is terminated on account of Disability or by the Company for or without Cause, the date on which Notice of Termination is given; and 6Â Â Â (iii) if the Executiveâ€™s employment is terminated by the Executive, 30 days after the date on which a Notice of Termination is given. Notwithstanding the foregoing, in the event that the Executive gives a Notice of Termination to the Company, the Company may unilaterally accelerate the Date of Termination and such acceleration shall not result in a termination by the Company for purposes of this Agreement. Â 4. Compensation Upon Termination. Â a.Termination Generally. If the Executiveâ€™s employment with the Company is terminated for any reason, the Company shall pay or provide to the Executive (or to his authorized representative or estate) (i) any Base Salary earned through the Date of Termination and unpaid expense reimbursements (subject to, and in accordance with, this Agreement) on or before the time required by law but in no event more than 30 days after the Executiveâ€™s Date of Termination; and (ii) any vested benefits the Executive may have under any employee benefit plan of the Company through the Date of Termination, which vested benefits shall be paid and/or provided in accordance with the terms of such employee benefit plans (collectively, the â€œAccrued Benefitâ€). Â b.Termination by the Company Without Cause, or Due to the Executiveâ€™s Death or Disability. If the Company terminates the Executiveâ€™s employment without Cause, or the Executiveâ€™s employment is terminated due to the Executiveâ€™s Death or Disability, then the Company shall pay the Executive his Accrued Benefit. In addition, subject to the Executive signing the Separation Agreement and Release and the Separation Agreement and Release becoming irrevocable, all within the time period required by the Separation Agreement and Release but in no event later than 60 days after the Date of Termination: Â i.The Company will pay the Executive, or provide the Executive with, the cash and equity compensation and Health Benefits that the Executive would have earned under this Agreement had Executive remained employed by the Company through the Anticipated Retirement Date, which compensation and benefits will be paid or provided as follows: Â 1.The Company shall pay the Executive an amount equal to the Executiveâ€™s Base Salary between the Date of Termination and the Anticipated Retirement Date (the â€œSeverance Amountâ€). Notwithstanding the foregoing, if the Executive breaches any of the Executiveâ€™s confidentiality and restrictive covenant obligations to the Company, all payments of the Severance Amount shall immediately cease; and Â 2.Effective as of the Accelerated Vesting Date: (A) all unvested Time-Based Awards (as defined below) held by the Executive that would have vested had Executive remained employed through the Anticipated Retirement Date shall vest and become exercisable or nonforfeitable; and (B) a pro-rata portion of all 7Â Â Â Performance-Based Awards (as defined below) held by the Executive shall become exercisable or nonforfeitable at the end of the performance period based on actual performance through the end of the performance period (and such awards shall remain outstanding through the end of the applicable performance period). Pro-ration for purposes of this subsection (ii) shall be determined based on the number of full months elapsed in the vesting period or performance period, as applicable, through the Anticipated Retirement Date relative to the total number of full months in the vesting period or performance period, as applicable. Notwithstanding anything to the contrary in the applicable plans and/or award agreements governing the equity awards described in this subsection (2), any termination or forfeiture of unvested shares underlying the equity awards that could vest pursuant to this subsection (2) and otherwise would have occurred on or prior to

the Accelerated Vesting Date will be delayed until the Accelerated Vesting Date and will occur only to the extent such equity awards do not vest pursuant to this subsection (2). Notwithstanding the foregoing, no additional vesting of such equity awards shall occur during the period between the Executiveâ€™s Date of Termination and the Accelerated Vesting Date; and Â 3.If the Executive is enrolled in the Companyâ€™s group health care programs immediately prior to the Date of Termination and properly elects to receive benefits under the Consolidated Omnibus Budget Reconciliation Act of 1985, as amended (â€œCOBRAâ€), the Company shall pay the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents until the Anticipated Retirement Date; provided, however, if the Executive ceases to be eligible for COBRA benefits prior to the Anticipated Retirement Date or the Company determines that it cannot pay such amounts without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), the Company will in lieu thereof provide to the Executive a taxable monthly payment in an amount equal to the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents until the Anticipated Retirement Date. For the avoidance of doubt, the taxable payments described above may be used for any purpose, including, but not limited to, continuation coverage under COBRA. Â ii.The Severance Amount shall be paid out in substantially equal installments in accordance with the Companyâ€™s payroll practice over the period between the Date of Termination and the Anticipated Retirement Date; provided, however, that (A) if the 60-day period begins in one calendar year and ends in a second calendar year, the Severance Amount shall begin to be paid in the second calendar year by the last day of such 60-day period; provided, further, that the initial payment shall include a catch-up payment to cover amounts retroactive to the day immediately following the Date of Termination and (B) in the event a court of competent jurisdiction finds the Executive to be in breach of his confidentiality or restrictive covenant obligations, then the amounts payable under this Section shall cease immediately. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). Â 8Â Â Â iii.â€œTime-Based Awardsâ€ means all then-outstanding stock options and other stock-based awards of the Company that are subject solely to time-based vesting. Â 5.Waiver of Change in Control Severance Benefits and Change in Control Equity Acceleration. To avoid all doubt, the Executive hereby agrees that, as of the Effective Date, the Executive shall no longer be eligible for: (i) the Change in Control severance benefits described in Section 5 of the Prior Agreement, or any Change in Control benefits under the Companyâ€™s severance plan; or (ii) any equity acceleration upon a Change in Control. â€œChange in Controlâ€ shall have the meaning set forth in the Prior Agreement. Â 6. Section 409A. Â a.Anything in this Agreement to the contrary notwithstanding, if at the time of the Executiveâ€™s separation from service within the meaning of Section 409A of the Code, the Company determines that the Executive is a â€œspecified employeeâ€ within the meaning of Section 409A(a)(2)(B)(i) of the Code, then to the extent any payment or benefit that the Executive becomes entitled to under this Agreement on account of the Executiveâ€™s separation from service would be considered deferred compensation otherwise subject to the 20 percent additional tax imposed pursuant to Section 409A(a) of the Code as a result of the application of Section 409A(a)(2)(B)(i) of the Code, such payment shall not be payable and such benefit shall not be provided until the date that is the earlier of (A) six months and one day after the Executiveâ€™s separation from service, or (B) the Executiveâ€™s death. If any such delayed cash payment is otherwise payable on an installment basis, the first payment shall include a catch-up payment covering amounts that would otherwise have been paid during the six-month period but for the application of this provision, and the balance of the installments shall be payable in accordance with their original schedule. Â b.All in-kind benefits provided and expenses eligible for reimbursement under this Agreement shall be provided by the Company or incurred by the Executive during the time periods set forth in this Agreement. All reimbursements shall be paid as soon as administratively practicable, but in no event shall any reimbursement be paid after the last day of the taxable year following the taxable year in which the expense was incurred. The amount of in-kind benefits provided or reimbursable expenses incurred in one taxable year shall not affect the in-kind benefits to be provided or the expenses eligible for reimbursement in any other taxable year (except for any lifetime or other aggregate limitation applicable to medical expenses). Such right to reimbursement or in-kind benefits is not subject to liquidation or exchange for another benefit. Â c.To the extent that any payment or benefit described in this Agreement constitutes â€œnon-qualified deferred compensationâ€ under Section 409A of the Code, and to the extent that such payment or benefit is payable upon the Executiveâ€™s termination of employment, then such payments or benefits shall be payable only upon the Executiveâ€™s â€œseparation from service.â€ The determination of whether and when a separation from service has occurred shall be made in accordance with the presumptions set forth in Treasury Regulation Section 1.409A-1(h). Â d.The parties intend that this Agreement will be administered in accordance with Section 409A of the Code. To the extent that any provision of this Agreement is ambiguous as to its compliance 9Â Â Â with Section 409A of the Code, the provision shall be read in such a manner so that all payments hereunder comply with Section 409A of the Code. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). The parties agree that this Agreement may be amended, as reasonably requested by either party, and as may be necessary to fully comply with Section 409A of the Code and all related rules and regulations in order to preserve the payments and benefits provided hereunder without additional cost to either party. Â e.The Company makes no representation or warranty and shall have no liability to the Executive or any other person if any provisions of this Agreement are determined to constitute deferred compensation subject to Section 409A of the Code but do not satisfy an exemption from, or the conditions of, such Section. Â 7.Confidential Information, Noncompetition and Cooperation. Â a.Confidential Information. As used in this Agreement, â€œConfidential Informationâ€ means information belonging to the Company which is of value to the Company in the course of conducting its business and the disclosure of which could result in a competitive or other disadvantage to the Company. Confidential Information includes, without limitation, financial information, reports and forecasts; inventions, improvements and other intellectual property; trade secrets; know-how; designs, processes or formulae; software; market or sales information or plans; customer lists; and business plans, prospects and opportunities (such as possible acquisitions or dispositions of businesses or facilities) which have been discussed or considered by the management of the Company. Confidential Information includes information developed by the Executive in the course of the Executiveâ€™s employment by the Company, as well as other information to which the Executive may have access in connection with the Executiveâ€™s employment. Confidential Information also includes the confidential information of others with which the Company has a business relationship. Notwithstanding the foregoing, Confidential Information does not include information in the public domain, unless due to breach of the Executiveâ€™s duties under the following subsection (b) (â€œConfidentialityâ€). Â b. Confidentiality. The Executive understands and agrees that the Executiveâ€™s employment creates a relationship of confidence and trust between the Executive and the Company with respect to all Confidential Information. Subject to the Protected Activities Section below, at all times, both during the Executiveâ€™s employment with the Company and after its termination, the Executive will keep in confidence and trust all such Confidential Information, and will not use or disclose any such Confidential Information without the written consent of the Company, except as may be necessary in the ordinary course of performing the Executiveâ€™s duties to the Company. Â c.Documents, Records, etc. All documents, records, data, apparatus, equipment and other physical property, whether or not pertaining to Confidential Information, which are furnished to the Executive by the Company or are produced by the Executive in connection with the Executiveâ€™s employment will be and remain the sole property of the Company. The Executive will return to the Company all such materials and property as and when requested by the Company. In any event, the Executive will return all such materials and property immediately upon termination of the Executiveâ€™s employment for any reason. The Executive will not retain with the Executive any such material or property or any copies thereof after such termination. 10Â Â Â Â d.Noncompetition and Nonsolicitation. The Executive and the Company acknowledge and agree that the noncompetition provisions of Section 7(d) of the Prior Agreement are unaffected by this Agreement, are reproduced, unaltered, in this subsection (d), and remain in full effect, without the need for additional consideration therefor, notwithstanding the changes to the Executiveâ€™s employment described in this Agreement. To the extent that additional consideration is deemed required for this subsection (d), the Executive agrees that the Executiveâ€™s eligibility for cash and equity incentive compensation under this Agreement is, in each case and independent of the other, mutually agreed upon, fair and reasonable consideration for this subsection (d) that the Company would not provide the Executive absent the Executiveâ€™s agreement to this subsection (d) and the other covenants in this Section 7. The Executive agrees that the Company has advised the Executive to seek the advice of counsel with respect to this Agreement, including this subsection (d), and that the Effective Date is more than 10 business days after the date the Executive received this Agreement. During the Executiveâ€™s employment with the Company and for 12 months thereafter, regardless of the reason for the termination, the Executive will not, directly or indirectly, whether as owner, partner, shareholder, consultant, agent, employee, co-venturer or otherwise, engage, participate, assist or invest in any Competing Business (as hereinafter defined). During the Executiveâ€™s employment with the Company and for 24 months thereafter, regardless of the reason for the termination, the Executive: (i) will refrain from directly or indirectly employing, attempting to employ, recruiting or otherwise soliciting, inducing or influencing any person to leave employment with the Company (other than terminations of employment of subordinate employees undertaken in the course of the Executiveâ€™s employment with the Company); and (ii) will refrain from soliciting or encouraging any customer or supplier to terminate or otherwise modify adversely its business relationship with the Company. The Executive understands that the restrictions set forth in this subsection (d) are intended to protect the Companyâ€™s interest in its Confidential Information and established employee, customer and supplier relationships and goodwill, and agrees that such restrictions are reasonable and appropriate for this purpose. Â e.For purposes of this Agreement, the term â€œCompeting Businessâ€ shall mean a business conducted anywhere in the United States or Sweden that develops, manufactures or markets: (i) Protein A affinity ligands and Protein A media; (ii) carriers for affinity ligands; (iii) growth factors for bioprocessing; (iv) pre-packed chromatographic columns for purification of biologic drugs; (v) cell retention devices, filtration systems, filters or other analytical devices or products that are primarily used in the production of biologic drugs; (vi) test kits for Protein A; or (vii) any other products or technologies, including bioprocess products or technologies, developed or acquired, or those that are in the formative stage of being developed or acquired, by Company during the time period it employed the Executive. Notwithstanding the foregoing, the Executive may own up to two percent (2%) of the outstanding stock of a publicly held corporation which constitutes or is affiliated with a Competing Business. f.Third-Party Agreements and Rights. The Executive hereby confirms that the Executive is not bound by the terms of any agreement with any previous employer or other party which restricts in any way the Executiveâ€™s use or disclosure of information or the Executiveâ€™s engagement in 11Â Â Â any business. The Executive represents to the Company that the Executiveâ€™s execution of this Agreement, the Executiveâ€™s employment with the Company and the performance of the Executiveâ€™s proposed duties for the Company will not violate any obligations the Executive may have to any such previous employer or other party. In the Executiveâ€™s work for the Company, the Executive will not disclose or make use of any information in violation of any agreements with or rights of any such previous employer or other party, and the Executive will not bring to the premises of the Company any copies or other tangible embodiments of non-public information belonging to or obtained from any such previous employment or other party. Â g.Litigation and Regulatory Cooperation. During and after the Executiveâ€™s employment, the Executive shall cooperate fully with the Company in the defense or prosecution of any claims or actions now in existence or which may be brought in the future against or on behalf of the Company which relate to events or occurrences that transpired while the Executive was employed by the Company. The Executiveâ€™s full cooperation in connection with such claims or actions shall include, but not be limited to, being available to meet with counsel to prepare for discovery or trial and to act as a witness on behalf of the Company at mutually convenient times. During and after the Executiveâ€™s employment, the Executive also shall cooperate fully with the Company in connection with any investigation or review of any federal, state or local regulatory authority as any such investigation or review relates to events or occurrences that transpired while the Executive was employed by the Company. The Company shall reimburse the Executive for any reasonable out-of-pocket expenses incurred in connection with the Executiveâ€™s performance of obligations pursuant to this subsection (g). Â h. Injunction. The Executive agrees that it would be difficult to measure any damages caused to the Company which might result from any breach by the Executive of the promises set forth in this Section 7, and that in any event money damages would be an inadequate remedy for any such breach. Accordingly, subject to Section 8, the Executive agrees that if the Executive breaches, or proposes to breach, any portion of this Agreement, the Company shall be entitled, in addition to all other remedies that it may have, to an injunction or other appropriate equitable relief to restrain any such breach without showing or proving any actual damage to the Company. Â i.Protected Activities. Nothing contained in this Agreement, any other agreement with the Company or any Company policy limits the Executiveâ€™s ability, with or without notice to the Company, to: (i) file a charge or complaint with any federal, state or local governmental agency or commission (a â€œGovernment Agencyâ€), including without limitation, the Equal Employment Opportunity Commission, the National Labor Relations Board or the Securities and Exchange Commission; (ii) communicate with any Government Agency or otherwise participate in any investigation or proceeding that may be conducted by any Government Agency, including by providing non-privileged documents or information; (iii) exercise any rights under Section 7 of the National Labor Relations Act, which are available to non-supervisory employees, including assisting co-workers with or discussing any employment issue as part of engaging in concerted activities for the purpose of mutual aid or protection; (iv) discuss or disclose information about unlawful acts in the workplace, such as harassment or discrimination or any other conduct that the Executive has reason to believe is unlawful; or (v) testify truthfully in a legal proceeding. Any such communications and disclosures must not violate applicable law and the information disclosed must not have been obtained through a communication that was subject to the attorney-client privilege (unless disclosure of that information would otherwise be permitted consistent with such privilege or applicable law). 12Â Â Â Â j.Defend Trade Secrets Act of 2016. The Executive understands that pursuant to the federal Defend Trade Secrets Act of 2016, the Executive shall not be held criminally or civilly liable under any federal or state trade secret law for the disclosure of a trade secret that (a) is made (i) in confidence to a federal, state or local government official, either directly or indirectly, or to an attorney; and (ii) solely for the purpose of reporting or investigating a suspected violation of law; or (b) is made in a complaint or other document filed in a lawsuit or other proceeding, if such filing is made under seal. Â 8.Arbitration of Disputes. Any controversy or claim arising out of or relating to this Agreement or the breach thereof or otherwise arising out of the Executiveâ€™s employment or the termination of that employment (including, without limitation, any claims of unlawful employment discrimination whether based on age or otherwise) shall, to the fullest extent permitted by law, be settled by arbitration in any forum and form agreed upon by the parties or, in the absence of such an agreement, under the auspices of the American Arbitration Association (â€œAAAâ€) in Boston, Massachusetts in accordance with the Employment Dispute Resolution Rules of the AAA, including, but not limited to, the rules and procedures applicable to the selection of arbitrators. In the event that any person or entity other than the Executive or the Company may be a party with regard to any such controversy or claim, such controversy or claim shall be submitted to arbitration subject to such other person or entityâ€™s agreement. All AAA-imposed costs of said arbitration, including the arbitratorâ€™s fees, if any, shall be borne by the Company. All legal fees incurred by the parties in connection with such arbitration shall be borne by the party who incurs them, unless applicable statutory authority provides for the award of attorneysâ€™ fees to the prevailing party and the arbitratorâ€™s decision and award provides for the award of such fees. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. This Section shall be specifically enforceable. Notwithstanding the foregoing, this Section shall not preclude either party from pursuing a court action for the sole purpose of obtaining a temporary restraining order or a preliminary injunction in circumstances in which such relief is appropriate; provided that any other relief shall be pursued through an arbitration proceeding pursuant to this Section. Â 9.Consent to Jurisdiction. To the extent that any court action is permitted consistent with or to enforce Section 8 of this Agreement (â€œArbitration of Disputesâ€), the parties hereby consent to the jurisdiction of the Superior Court of the Commonwealth of Massachusetts and the United States District Court for the District of Massachusetts. Accordingly, with respect to any such court action, the Executive (a) submits to the personal jurisdiction of such courts; (b) consents to service of process; and (c) waives any other requirement (whether imposed by statute, rule of court, or otherwise) with respect to personal jurisdiction or service of process. Â 10.Integration. This Agreement, the LTI Documents and the Confidentiality, Non-Solicitation, and Patent Agreement, dated as of May 5, 2014, by and between the Company and the Executive constitute the entire agreement between the parties with respect to the subject matter hereof and supersede all prior agreements between the parties concerning such subject matter, including without limitation the Prior Agreement (except for the noncompetition provisions of Section 7(d) of the Prior Agreement, which are reproduced in Section 7(d) herein and remain in full effect, notwithstanding the changes to Executiveâ€™s employment described in this Agreement). Â 11.Withholding. All payments made by the Company to the Executive under this Agreement shall be net of any tax or other amounts required to be withheld by the Company under applicable law. Â 13Â Â Â 12.Indemnification. To the fullest extent permitted by law, the Company will indemnify the Executive against any actual or threatened action, suit or proceeding, whether civil, criminal, administrative or investigative, arising by reason of the Executiveâ€™s status as a current or former director, officer, employee and/or agent of the Company, any subsidiary or affiliate of the Company or any other entity to which the Company appoints the Executive to serve as a director or officer, except for actions outside the scope of his employment. The Company agrees to use reasonable best efforts to secure and maintain director and officer liability insurance that shall include coverage of the Executive. The Executive shall be entitled to benefit from any officer indemnification arrangements adopted by the Company, if any, to the same extent as other directors or senior executive

officers of the Company (including the right to such coverage or benefit following the Executiveâ€™s employment to the extent liability continues to exist). However, the Executive agrees to repay any expenses paid or reimbursed by the Company for the Executiveâ€™s indemnification expenses if it is ultimately determined by a final non-appealable court decision that the Executive is not legally entitled to be indemnified by the Company. Â 13.Successor to the Executive. This Agreement shall inure to the benefit of and be enforceable by the Executiveâ€™s personal representatives, executors, administrators, heirs, distributees, devisees and legatees. In the event of the Executiveâ€™s death after his termination of employment but prior to the completion by the Company of all payments due him under this Agreement, the Company shall continue such payments to the Executiveâ€™s beneficiary designated in writing to the Company prior to his death (or to his estate, if the Executive fails to make such designation). Â 14.Enforceability. If any portion or provision of this Agreement (including, without limitation, any portion or provision of any section of this Agreement) shall to any extent be declared illegal or unenforceable by a court of competent jurisdiction, then the remainder of this Agreement, or the application of such portion or provision in circumstances other than those as to which it is so declared illegal or unenforceable, shall not be affected thereby, and each portion and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law. Â 15.Survival. The provisions of this Agreement shall survive the termination of this Agreement and/or the termination of the Executiveâ€™s employment to the extent necessary to effectuate the terms contained herein. Â 16.Waiver. No waiver of any provision hereof shall be effective unless made in writing and signed by the waiving party. The failure of any party to require the performance of any term or obligation of this Agreement, or the waiver by any party of any breach of this Agreement, shall not prevent any subsequent enforcement of such term or obligation or be deemed a waiver of any subsequent breach. Â 17.Notices. Any notices, requests, demands and other communications provided for by this Agreement shall be sufficient if in writing and delivered in person or sent by a nationally recognized overnight courier service or by registered or certified mail, postage prepaid, return receipt requested, to the Executive at the last address the Executive has filed in writing with the Company or, in the case of the Company, at its main offices, attention of the Board. Â 18.Amendment. This Agreement may be amended or modified only by a written instrument signed by the Executive and by a duly authorized representative of the Company. Â 14Â Â Â 19.Governing Law. This is a Massachusetts contract and shall be construed under and be governed in all respects by the laws of the Commonwealth of Massachusetts, without giving effect to the conflict of laws principles of such Commonwealth. With respect to any disputes concerning federal law, such disputes shall be determined in accordance with the law as it would be interpreted and applied by the United States Court of Appeals for the First Circuit. Â 20.Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be taken to be an original; but such counterparts shall together constitute one and the same document. Â 21.Successor to Company. The Company shall require any successor (whether direct or indirect, by purchase, merger, consolidation or otherwise) to all or substantially all of the business or assets of the Company expressly to assume and agree to perform this Agreement to the same extent that the Company would be required to perform it if no succession had taken place. Failure of the Company to obtain an assumption of this Agreement at or prior to the effectiveness of any succession shall be a material breach of this Agreement. Â 22.Recitals. The Recitals to this Agreement are incorporated as operative provisions of this Agreement. [Remainder of Page Intentionally Left Blank] 15Â Â Â Â IN WITNESS WHEREOF, the parties have executed this Agreement on the date and year first above written. Â Â Â REPLIGEN CORPORATION Â Â Â /s/ KAREN A. DAWES By: Â Karen A. Dawes Its: Â Chairperson of the BoardÂ Â Â EXECUTIVE Â Â Â Â /s/ ANTHONY HUNT Anthony Hunt Â Â Â Â Â Â Â Â

other obligations under the â€œConfidential Information, Invention Assignment, Noncompetition, Nonsolicitation and Cooperationâ€ Section of this Agreement, and confidentiality, return of property and non-disparagement provisions, in a form and manner satisfactory to the Company (the â€œSeparation Agreement and Releaseâ€) and the Separation Agreement and Release becoming irrevocable, all within the time period required by the Separation Agreement and Release but in no event later than 60 days after the Date of Termination: (i) effective as of the Accelerated Vesting Date (as defined below): (A) a pro-rata portion of all Time-Based Awards (as defined below) held by the Executive shall vest and become exercisable or nonforfeitable; and (B) a pro-rata portion of all Performance-Based Awards (as defined below) held by the Executive shall remain outstanding and eligible to become exercisable or nonforfeitable at the end of the performance period based on actual performance through the end of the performance period; and (C) each of Executiveâ€™s then outstanding options to purchase shares of the Companyâ€™s Common Stock, to the extent exercisable as of the Accelerated Vesting Date, will remain outstanding and exercisable until the earlier of the one-year anniversary of the Accelerated Vesting Date and the original expiration date of the stock option. Pro-ration for purposes of this subsection (i) shall be determined based on the number of full months elapsed in the vesting period or performance period, as applicable, through the Date of Termination relative to the total number of full months in the vesting period or performance period, as applicable. Notwithstanding anything to the contrary in the applicable plans and/or award agreements governing the Equity Awards described in this subsection (i), any termination or forfeiture of unvested shares underlying 4Â Â Â Â the Equity Awards that could vest pursuant to this subsection (i) and otherwise would have occurred on or prior to the Accelerated Vesting Date will be delayed until the Accelerated Vesting Date and will occur only to the extent such equity awards do not vest pursuant to this subsection (i). Notwithstanding the foregoing, no additional vesting of such Equity Awards shall occur during the period between the Executiveâ€™s Date of Termination and the Accelerated Vesting Date; and Â (ii) if the Executive is enrolled in the Companyâ€™s group health care programs immediately prior to the Date of Termination and properly elects to receive benefits under the Consolidated Omnibus Budget Reconciliation Act of 1985, as amended (â€œCOBRAâ€), the Company shall pay the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for the Severance Period (as defined below); provided, however, if the Company determines that it cannot pay such amounts without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), the Company will in lieu thereof provide to the Executive a taxable monthly payment in an amount equal to the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for the Severance Period. For the avoidance of doubt, the taxable payments described above may be used for any purpose, including, but not limited to, continuation coverage under COBRA. Â (c)Termination by the Company Without Cause or by the Executive with Good Reason. If the Executiveâ€™s employment is terminated by the Company without Cause as provided in Section 3(d), or the Executive terminates his employment for Good Reason as provided in Section 3(e), then the Company shall pay the Executive his Accrued Benefit. In addition, subject to the Executive signing the Separation Agreement and Release and the Separation Agreement and Release becoming irrevocable, all within the time period required by the Separation Agreement and Release but in no event later than 60 days after the Date of Termination: (i) the Company shall pay the Executive an amount equal to 1.5 times the Executiveâ€™s annual Base Salary (the â€œSeverance Amountâ€). Notwithstanding the foregoing, if the Executive breaches any of the provisions contained in the â€œConfidential Information, Invention Assignment, Noncompetition, Nonsolicitation and Cooperationâ€ section of this Agreement, all payments of the Severance Amount shall immediately cease; and (ii) effective as of the Accelerated Vesting Date (as defined below): (A) 100% of the then unvested portion of the Initial Equity Awards (as described in Former Employment Agreement) held by the Executive shall vest and become exercisable or nonforfeitable; and (B) 50% of all unvested Time-Based Awards (as defined below) held by the Executive shall vest and become exercisable or nonforfeitable; and (C) a pro-rata portion of all Performance-Based Awards (as defined below) held by the Executive shall remain outstanding and eligible to become exercisable or nonforfeitable at the end of the performance period based on actual performance through the end of the performance period; and (D) each of Executiveâ€™s then outstanding options to purchase shares of the Companyâ€™s Common Stock, to the extent exercisable as of the Accelerated Vesting Date, will remain outstanding and exercisable until the earlier of the one-year anniversary of the Accelerated Vesting Date and the original expiration date of the stock option. Pro-ration for purposes of this subsection (ii) shall be determined based on the number of full months elapsed in the vesting period or performance period, as applicable, through the Date of Termination relative to the total number of full months in the vesting period or performance period, as applicable. Notwithstanding anything to the contrary in the applicable plans and/or award agreements governing the Equity Awards described in this subsection (ii), any termination or forfeiture of unvested shares underlying the Equity Awards that could vest pursuant to this subsection (ii) and otherwise would have occurred on or prior to the Accelerated Vesting Date will be delayed until the Accelerated Vesting Date and will occur only to the extent such equity awards do not vest pursuant to this subsection (ii). Notwithstanding the foregoing, no additional vesting of such Equity Awards shall occur during the period between the Executiveâ€™s Date of Termination and the Accelerated Vesting Date; and 5Â Â Â Â (iii) if the Executive is enrolled in the Companyâ€™s group health care programs immediately prior to the Date of Termination and properly elects to receive benefits under COBRA, the Company shall pay the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for the Severance Period (as defined below); provided, however, if the Company determines that it cannot pay such amounts without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), the Company will in lieu thereof provide to the Executive a taxable monthly payment in an amount equal to the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for the Severance Period. For the avoidance of doubt, the taxable payments described above may be used for any purpose, including, but not limited to, continuation coverage under COBRA; and (iv) the amounts payable under this Section 4(c) shall be paid out in substantially equal installments in accordance with the Companyâ€™s payroll practice over 18 months commencing within 60 days after the Date of Termination (such 18-month period, the â€œSeverance Periodâ€); provided, however, that (A) if the 60-day period begins in one calendar year and ends in a second calendar year, the Severance Amount, to the extent it qualifies as â€œnon-qualified deferred compensationâ€ within the meaning of Section 409A of the Internal Revenue Code of 1986, as amended (the â€œCodeâ€), shall begin to be paid in the second calendar year by the last day of such 60-day period; provided, further, that the initial payment shall include a catch-up payment to cover amounts retroactive to the day immediately following the Date of Termination and (B) in the event a court of competent jurisdiction finds the Executive to be in breach of his obligations under the â€œConfidential Information, Invention Assignment, Noncompetition, Nonsolicitation and Cooperationâ€ section of this Agreement, then the amounts payable under this Section 4(c) shall cease immediately. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). Â 5.Change in Control Payment. In the event of a Change in Control in which Equity Awards are not assumed, continued or substituted, (i) 100% of all Time-Based Awards held by the Executive shall immediately accelerate and become fully exercisable or nonforfeitable as of the date of the Change in Control; and (ii) all Performance-Based Awards held by the Executive shall become exercisable or nonforfeitable (with performance deemed to be met at the greater of the target level of performance or the actual level of performance as of the Change in Control) as of the date of the Change in Control. If within 24 months after a Change in Control, the Executiveâ€™s employment is terminated by the Company without Cause as provided in Section 3(d) or the Executive terminates his employment for Good Reason as provided in Section 3(e), then, subject to the signing of the Separation Agreement and Release by the Executive and the Separation Agreement and Release becoming irrevocable, all within the time period required by the Separation Agreement and Release but in no event later than 60 days after the Date of Termination: (a)the Company shall pay the Executive a lump sum in cash in an amount equal to two (2) times the sum of (A) the Executiveâ€™s current Base Salary (or the Executiveâ€™s Base Salary in effect immediately prior to the Change in Control, if higher) and (B) the Executiveâ€™s target annual performance bonus for the year in which the Date of Termination occurs; and (b)the Company shall pay the Executive an amount equal to a pro-rata portion of the Executiveâ€™s target bonus for the year in which the Date of Termination occurs, with such pro-ration determined based on the number of full months elapsed in the calendar year through the Date of Termination relative to the total number of full months in the calendar year of termination; and (c)notwithstanding anything to the contrary in any applicable option agreement or stock-based award agreement, in the event that Equity Awards are assumed, continued or substituted in the Change in Control, effective as of the Accelerated Vesting Date: (A) 100% of all Time-Based Awards held by the Executive shall immediately accelerate and become fully exercisable or nonforfeitable and (B) all Performance-Based Awards held by the Executive shall become exercisable or nonforfeitable (with performance deemed to be met at the greater of the target level of performance or the actual level of performance on the Date of Termination). Notwithstanding 6Â Â Â Â anything to the contrary in the applicable plans and/or award agreements governing the Equity Awards, any termination or forfeiture of unvested shares underlying the Equity Awards that could vest pursuant to this subsection (c) and otherwise would have occurred on or prior to the Accelerated Vesting Date will be delayed until the Accelerated Vesting Date and will occur only to the extent the Equity Awards do not vest pursuant to this subsection (c). Notwithstanding the foregoing, no additional vesting of the Equity Awards shall occur during the period between the Executiveâ€™s Date of Termination and the Accelerated Vesting Date; (d)If the Executive is enrolled in the Companyâ€™s health care programs immediately prior to the Date of Termination and properly elects to receive benefits under COBRA, the Company shall pay the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for 18 months (such amounts, the â€œCIC COBRA Paymentsâ€); provided, however, if the Company determines that it cannot pay the CIC COBRA Payments without potentially violating applicable law (including, without limitation, Section 2716 of the Public Health Service Act), the Company will in lieu thereof provide to the Executive a taxable monthly payment in an amount equal to the COBRA premiums for the Executive and the Executiveâ€™s eligible dependents for 18 months. For the avoidance of doubt, the taxable payments described above may be used for any purpose, including, but not limited to, continuation coverage under COBRA; and (e)The amounts payable under this Section 5 shall be paid or commence to be paid within 60 days after the Date of Termination; provided, however, that if the 60-day period begins in one calendar year and ends in a second calendar year, such payments, to the extent they qualify as â€œnon-qualified deferred compensationâ€ within the meaning of Section 409A of the Code, shall be paid or commence to be paid in the second calendar year by the last day of such 60-day period. (f)Additional Limitation. (i)Anything in this Agreement to the contrary notwithstanding, in the event that the amount of any compensation, payment or distribution by the Company to or for the benefit of the Executive, whether paid or payable or distributed or distributable pursuant to the terms of this Agreement or otherwise, calculated in a manner consistent with Section 280G of the Code, and the applicable regulations thereunder (the â€œAggregate Paymentsâ€), would be subject to the excise tax imposed by Section 4999 of the Code, then the Aggregate Payments shall be reduced (but not below zero) so that the sum of all of the Aggregate Payments shall be $1.00 less than the amount at which the Executive becomes subject to the excise tax imposed by Section 4999 of the Code; provided that such reduction shall only occur if it would result in the Executive receiving a higher After Tax Amount (as defined below) than the Executive would receive if the Aggregate Payments were not subject to such reduction. In such event, the Aggregate Payments shall be reduced in the following order, in each case, in reverse chronological order beginning with the Aggregate Payments that are to be paid the furthest in time from consummation of the transaction that is subject to Section 280G of the Code: (1) cash payments not subject to Section 409A of the Code; (2) cash payments subject to Section 409A of the Code; (3) equity-based payments and acceleration; and (4) non-cash forms of benefits; provided that in the case of all the foregoing Aggregate Payments all amounts or payments that are not subject to calculation under Treas. Reg. Â§1.280G-1, Q&A-24(b) or (c) shall be reduced before any amounts that are subject to calculation under Treas. Reg. Â§1.280G-1, Q&A-24(b) or (c). (ii)For purposes of this Section 5(f), the â€œAfter Tax Amountâ€ means the amount of the Aggregate Payments less all federal, state, and local income, excise and employment taxes imposed on the Executive as a result of the Executiveâ€™s receipt of the Aggregate Payments. For purposes of determining the After Tax Amount, the Executive shall be deemed to pay federal income taxes at the highest marginal rate of federal income taxation applicable to individuals for the calendar year in which the determination is to be made, and state and local income taxes at the highest marginal rates of individual taxation in each applicable state and locality, net of the maximum reduction in federal income taxes which could be obtained from deduction of such state and local taxes. (iii)The determination as to whether a reduction in the Aggregate Payments shall be made pursuant to Section 5(f)(i) shall be made by a nationally recognized accounting or other outside firm 7Â Â Â Â selected by the Company (the â€œAccounting Firmâ€), which shall provide detailed supporting calculations both to the Company and the Executive within 15 business days of the Date of Termination, if applicable, or at such earlier time as is reasonably requested by the Company or the Executive. Any determination by the Accounting Firm shall be binding upon the Company and the Executive. (g)Definitions. For purposes of this Section 5, the following terms shall have the following meanings: (i)â€œAccelerated Vesting Dateâ€ means the later of (A) the Executiveâ€™s Date of Termination and (B) the effective date of the Executiveâ€™s Separation Agreement and Release. (ii)â€œChange in Controlâ€ means any of the following: (A)any â€œperson,â€ as such term is used in Sections 13(d) and 14(d) of the Securities Exchange Act of 1934, as amended (the â€œActâ€) (other than the Company, any of its subsidiaries, or any trustee, fiduciary or other person or entity holding securities under any employee benefit plan or trust of the Company or any of its subsidiaries), together with all â€œaffiliatesâ€ and â€œassociatesâ€ (as such terms are defined in Rule 12b-2 under the Act) of such person, shall become the â€œbeneficial ownerâ€ (as such term is defined in Rule 13d-3 under the Act), directly or indirectly, of securities of the Company representing 50 percent or more of the combined voting power of the Companyâ€™s then outstanding securities having the right to vote in an election of the Board (â€œVoting Securitiesâ€) (in such case other than as a result of an acquisition of securities directly from the Company); or (B)the date a majority of the members of the Board is replaced during any 12-month period by directors whose appointment or election is not endorsed by a majority of the members of the Board before the date of the appointment or election; or (C)the consummation of (x) any consolidation or merger of the Company where the stockholders of the Company, immediately prior to the consolidation or merger, would not, immediately after the consolidation or merger, beneficially own (as such term is defined in Rule 13d-3 under the Act), directly or indirectly, shares representing in the aggregate more than 50 percent of the voting shares of the Company issuing cash or securities in the consolidation or merger (or of its ultimate parent corporation, if any), or (y) any sale or other transfer (in one transaction or a series of transactions contemplated or arranged by any party as a single plan) of all or substantially all of the assets of the Company. Notwithstanding the foregoing, a â€œChange in Controlâ€ shall not be deemed to have occurred for purposes of the foregoing clause (A) solely as the result of an acquisition of securities by the Company which, by reducing the number of shares of Voting Securities outstanding, increases the proportionate number of Voting Securities beneficially owned by any person to 50 percent or more of the combined voting power of all of the then outstanding Voting Securities; provided, however, that if any person referred to in this sentence shall thereafter become the beneficial owner of any additional shares of Voting Securities (other than pursuant to a stock split, stock dividend, or similar transaction or as a result of an acquisition of securities directly from the Company) and immediately thereafter beneficially owns 50 percent or more of the combined voting power of all of the then outstanding Voting Securities, then a â€œChange in Controlâ€ shall be deemed to have occurred for purposes of the foregoing clause (A) (iii)â€œEquity Awardsâ€ means all then-outstanding stock options and other stock-based awards of the Company. (iv)â€œPerformance-Based Awardsâ€ means all then-outstanding stock options and other stock-based awards of the Company that are subject to performance-based vesting and for which 8Â Â Â Â achievement of the performance metrics has not been determined as of the Change in Control or Date of Termination, as applicable. (v)â€œTime-Based Awardsâ€ means all then-outstanding stock options and other stock-based awards of the Company that are subject solely to time-based vesting. 6.Confidential Information, Invention Assignment, Noncompetition, Nonsolicitation and Cooperation. (a)Confidential Information. As used in this Agreement, â€œConfidential Informationâ€ means information belonging to the Company which is of value to the Company in the course of conducting its business and the disclosure of which could result in a competitive or other disadvantage to the Company. Confidential Information includes, without limitation, financial information, reports, and forecasts; inventions, improvements and other intellectual property; trade secrets; know-how; designs, processes or formulae; software; market or sales information or plans; customer lists; and business plans, prospects and opportunities (such as possible acquisitions or dispositions of businesses or facilities) which have been discussed or considered by the management of the Company. Confidential Information includes information developed by the Executive in the course of the Executiveâ€™s employment by the Company, as well as other information to which the Executive may have access in connection with the Executiveâ€™s employment. Confidential Information also includes the confidential information of others with which the Company has a business relationship. Notwithstanding the foregoing, Confidential Information does not include information in the public domain, unless due to breach of the Executiveâ€™s duties under the â€œConfidentialityâ€ Section of this Agreement. (b)Confidentiality. The Executive understands and agrees that the Executiveâ€™s employment creates a relationship of confidence and trust between the Executive and the Company with respect to all Confidential Information. At all times, both during the Executiveâ€™s employment with the Company and after its termination, the Executive will keep in confidence and trust all such Confidential Information, and will not use or disclose any such Confidential Information without the written consent of the Company, except as may be necessary in the ordinary course of performing the Executiveâ€™s duties to the Company. (c)Invention Assignment. While employed by the Company and when the Executive ceases to be employed by the Company for any reason, the Executive promptly and fully shall disclose in writing to the Company and hold in trust for the sole right and benefit of the Company, all ideas, plans, designs,

methods, scripts, concepts, recordings, techniques, discoveries, inventions, developments, improvements, trade secrets, advertising and promotional materials, computer systems, programs, software, source codes, and object codes, specifications, and other proprietary data, records, knowledge, and information that the Executive solely or jointly knows, creates, conceives, develops, or reduces to practice while employed by the Company, if and to the extent they (a) relate to the business of the Company or any customer of, supplier to or business partner of the Company or any of the products or services being researched, developed, manufactured or sold by the Company or which may be used with such products or services; or (b) result from tasks assigned to the Executive by the Company or the work performed by the Executive for the Company; or (c) result from the use of premises or personal property (whether tangible or intangible) owned, leased or contracted for by the Company (collectively, â€œIntellectual Propertyâ€), whether or not patentable or capable of copyright or trademark registration, and whether or not created, conceived, developed, or reduced to practice during normal working hours, at the request of the Company, or before or after the execution date of this Agreement. By executing this Agreement, the Executive acknowledges that all work performed by the Executive is on a â€œwork for hireâ€ basis, and Executive assigns and transfers unconditionally all of the Executiveâ€™s right, title, and interest in and to all Intellectual Property to the Company. While employed by the Company and at all times thereafter, the Executive shall do all things, and execute all documents, including applications for patents, copyrights, and trademarks, and for renewals, extensions, and divisions thereof, that the Company may request to create, enforce, or evidence the Companyâ€™s rights to any Intellectual Property. If the Company is unable for any reason whatsoever to obtain the Executiveâ€™s signature or assistance, the Executive irrevocably appoints the Company, and each of its officers, as the Executiveâ€™s agent and attorney-in-fact, with full power of substitution, to sign, execute, and file in the name and behalf of Employee any document required to prosecute or apply for any foreign or United States patent, copyright, trademark, or other proprietary protection, including renewals, extensions, and divisions, and to do all other lawful acts to further the issuance or prosecution of a patent, copyright, trademark, or other proprietary protection, all with the same legal force and effect as if done or executed by the 9Â Â Â Â Executive. To preclude any possible uncertainty, if there are any intellectual property rights that the Executive has, alone or jointly with others, conceived, developed or reduced to practice prior to the commencement of the Executiveâ€™s employment with the Company that the Executive considers to be the Executiveâ€™s property or the property of third parties and that the Executive wishes to have excluded from the scope of this Agreement (â€œPrior Inventionsâ€), the Executive has provided the Company with a complete list of those Prior Inventions. If disclosure of any such Prior Invention would cause the Executive to violate any prior confidentiality agreement, the Executive understands that the Executive is not to list such Prior Inventions but is only to disclose a cursory name for each such invention, a listing of the party(ies) to whom it belongs and the fact that full disclosure as to such inventions has not been made for that reason. If there are any patents or patent applications in which the Executive is named as an inventor, other than those that have been assigned to the Company (â€œOther Patent Rightsâ€), the Executive has also provided a list of those Other Patent Rights to the Company. If no such disclosure is provided to the Company, the Executive represents that there are no Prior Inventions or Other Patent Rights. If, in the course of the Executiveâ€™s employment with the Company, the Executive incorporates a Prior Invention into a Company product, process or machine, research or development program, or other work done for the Company, the Executive hereby grants to the Company a nonexclusive, royalty-free, fully paid-up, irrevocable, worldwide license (with the full right to sublicense directly and indirectly through multiple tiers) to make, have made, modify, use, sell, offer for sale and import such Prior Invention. Notwithstanding the foregoing, the Executive will not incorporate, or permit to be incorporated, Prior Inventions in any Company Intellectual Property without the Companyâ€™s prior written consent (d)Documents, Records, etc. All documents, records, data, apparatus, equipment and other physical property, whether or not pertaining to Confidential Information, which are furnished to the Executive by the Company or are produced by the Executive in connection with the Executiveâ€™s employment will be and remain the sole property of the Company. The Executive will return to the Company all such materials and property as and when requested by the Company. In any event, the Executive will return all such materials and property immediately upon termination of the Executiveâ€™s employment for any reason. The Executive will not retain with the Executive any such material or property or any copies thereof after such termination. (e)Noncompetition and Nonsolicitation. The Executive understands that the restrictions set forth in this subsection (e) are intended to protect the Companyâ€™s interest in its Confidential Information and established employee, customer and supplier relationships and goodwill, and agrees that such restrictions are reasonable and appropriate for this purpose. The Executive acknowledges and agrees that this subsection (e) was contained in the Former Employment Agreement, is reproduced herein without alteration, and remains in full effect. In the event applicable law deems that additional consideration is required for this subsection (e), the Executive and the Company agree that the Executiveâ€™s eligibility for additional equity and cash incentive compensation under this Agreement (as compared to the Former Employment Agreement) is, in each case and independent of the other, mutually agreed-upon, fair and reasonable consideration for this subsection (e) that is independent of the Executiveâ€™s employment with the Company. (i)During the Executiveâ€™s employment with the Company and for 12 months thereafter, regardless of the reason for the termination (the â€œNoncompete Restricted Periodâ€), the Executive will not, directly or indirectly, whether as owner, partner, shareholder, consultant, agent, employee, co-venturer or otherwise, engage, participate, assist or invest in any Competing Business (as hereinafter defined). Notwithstanding this subsection 5(e)(i), the Executive shall not be subject to the restrictions of this subsubsection (e)(i) after the Executiveâ€™s employment with the Company ends (nor entitled to the Noncompetition Consideration set forth below) if the Company terminates the Executiveâ€™s employment without Noncompete Cause or lays the Executive off. For its part, the Company agrees to provide the Noncompetition Consideration to the Executive in exchange for the Executiveâ€™s post-employment obligations under this subsection (e)(i); provided that the Company may waive its rights under this subsection (e)(i) and in such event, the Company shall not be obligated to provide the Noncompetition Consideration. The Executive acknowledges that this covenant is necessary because the Companyâ€™s legitimate business interests cannot be adequately protected solely by the other covenants in this Agreement. The Executive further acknowledges and agrees that any payments the Executive receives pursuant to this subsection (e)(i) shall reduce (and shall not be in addition to) any severance or separation pay that the Executive is otherwise entitled to receive from the Company pursuant to an agreement, plan or otherwise. Notwithstanding the foregoing, the Executive may own up to two percent (2%) of the outstanding stock of a publicly held corporation which constitutes or is affiliated with a Competing 10Â Â Â Â Business. The Executive acknowledges and agrees that (A) the Executive received this Agreement at least ten (10) business days before this Agreement is to become effective; and (B) the Executive has been advised by the Company that the Executive has the right to consult with counsel prior to signing this Agreement and the Former Employment Agreement. (ii)Certain Definitions (A)â€œCompeting Businessâ€ shall mean any business that develops, sells or markets: (1)Upstream process intensification tools, downstream chromatography systems, downstream filtration systems, and/or consumables (including affinity ligands, analytics with a focus on in-line analytics and fluid management consumables); and/or (2)Any other products or technologies, including bioprocess products or technologies, developed or acquired, or those that are in the formative stage of being developed or acquired, by Company during the time period it employed the Executive. (B)â€œNoncompete Causeâ€ shall mean a reasonable and good faith basis for the Company to be dissatisfied with the Executiveâ€™s job performance, the Executiveâ€™s conduct or the Executiveâ€™s behavior. (C)â€œNoncompetition Considerationâ€ shall mean of payments to the Executive for the post-employment portion of the Noncompete Restricted Period (but for not more than twelve (12) months following the end of the Executiveâ€™s employment) at the rate of 50% of the highest annualized base salary paid to the Executive by the Company within the two-year period preceding the last day of the Executiveâ€™s employment. (iii)During the Executiveâ€™s employment with the Company and for 12 months thereafter, regardless of the reason for the termination, the Executive: (i) will refrain from directly or indirectly employing, attempting to employ, recruiting or otherwise soliciting, inducing or influencing any person to leave employment or engagement with the Company (other than terminations of employment of subordinate employees undertaken in the course of the Executiveâ€™s employment with the Company); and (ii) will refrain from soliciting or encouraging any customer or supplier to terminate or otherwise modify adversely its business relationship with the Company. (f)Third-Party Agreements and Rights. The Executive hereby confirms that the Executive is not bound by the terms of any agreement with any previous employer or other party which restricts in any way the Executiveâ€™s use or disclosure of information or the Executiveâ€™s engagement in any business. The Executive represents to the Company that the Executiveâ€™s execution of this Agreement, the Executiveâ€™s employment with the Company and the performance of the Executiveâ€™s proposed duties for the Company will not violate any obligations the Executive may have to any such previous employer or other party. In the Executiveâ€™s work for the Company, the Executive will not disclose or make use of any information in violation of any agreements with or rights of any such previous employer or other party, and the Executive will not bring to the premises of the Company any copies or other tangible embodiments of non-public information belonging to or obtained from any such previous employment or other party. (g)Litigation and Regulatory Cooperation. During and after the Executiveâ€™s employment, the Executive shall cooperate fully with the Company in the defense or prosecution of any claims or actions now in existence or which may be brought in the future against or on behalf of the Company which relate to events or occurrences that transpired while the Executive was employed by the Company. The Executiveâ€™s full cooperation in connection with such claims or actions shall include, but not be limited to, being available to meet with counsel to prepare for discovery or trial and to act as a witness on behalf of the Company at mutually convenient times. During and after the Executiveâ€™s employment, the Executive also shall cooperate fully with the Company in connection with any investigation or review of any federal, state or local regulatory authority as any such investigation or review 11Â Â Â Â relates to events or occurrences that transpired while the Executive was employed by the Company. The Company shall reimburse the Executive for any reasonable out-of-pocket expenses incurred in connection with the Executiveâ€™s performance of obligations pursuant to this subsection. (h)Injunction. The Executive agrees that it would be difficult to measure any damages caused to the Company which might result from any breach by the Executive of the promises set forth in this Section (â€œConfidential Information, Invention Assignment, Noncompetition, Nonsolicitation and Cooperationâ€), and that in any event money damages would be an inadequate remedy for any such breach. Accordingly, subject to the â€œArbitrationâ€ Section of this Agreement, the Executive agrees that if the Executive breaches, or proposes to breach, any portion of this Agreement, the Company shall be entitled, in addition to all other remedies that it may have, to an injunction or other appropriate equitable relief to restrain any such breach without showing or proving any actual damage to the Company. (i)Protected Activities. Nothing contained in this Agreement, any other agreement with the Company, or any Company policy limits the Executiveâ€™s ability, with or without notice to the Company, to: (i) file a charge or complaint with any federal, state or local governmental agency or commission (a â€œGovernment Agencyâ€), including without limitation, the Equal Employment Opportunity Commission, the National Labor Relations Board or the Securities and Exchange Commission; (ii) communicate with any Government Agency or otherwise participate in any investigation or proceeding that may be conducted by any Government Agency, including by providing non-privileged documents or information; (iii) discuss or disclose information about unlawful acts in the workplace, such as harassment or discrimination or any other conduct that the Executiveâ€™s has reason to believe is unlawful; or (iv) testify truthfully in a legal proceeding. Any such communications and disclosures must not violate applicable law and the information disclosed must not have been obtained through a communication that was subject to the attorney-client privilege (unless disclosure of that information would otherwise be permitted consistent with such privilege or applicable law). (j)Defend Trade Secrets Act of 2016. The Executive understands that pursuant to the federal Defend Trade Secrets Act of 2016, the Executive shall not be held criminally or civilly liable under any federal or state trade secret law for the disclosure of a trade secret that (a) is made (i) in confidence to a federal, state, or local government official, either directly or indirectly, or to an attorney; and (ii) solely for the purpose of reporting or investigating a suspected violation of law; or (b) is made in a complaint or other document filed in a lawsuit or other proceeding, if such filing is made under seal. 7.Arbitration of Disputes. Any controversy or claim arising out of or relating to this Agreement or the breach thereof or otherwise arising out of the Executiveâ€™s employment or the termination of that employment (including, without limitation, any claims of unlawful employment discrimination whether based on age or otherwise) shall, to the fullest extent permitted by law, be settled by arbitration in any forum and form agreed upon by the parties or, in the absence of such an agreement, under the auspices of the American Arbitration Association (â€œAAAâ€) in Boston, Massachusetts in accordance with the Employment Dispute Resolution Rules of the AAA, including, but not limited to, the rules and procedures applicable to the selection of arbitrators. In the event that any person or entity other than the Executive or the Company may be a party with regard to any such controversy or claim, such controversy or claim shall be submitted to arbitration subject to such other person or entityâ€™s agreement. All AAA-imposed costs of said arbitration, including the arbitratorâ€™s fees, if any, shall be borne by the Company. All legal fees incurred by the parties in connection with such arbitration shall be borne by the party who incurs them, unless applicable statutory authority provides for the award of attorneysâ€™ fees to the prevailing party and the arbitratorâ€™s decision and award provides for the award of such fees. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. This Section shall be specifically enforceable. Notwithstanding the foregoing, this Section shall not preclude either party from pursuing a court action for the sole purpose of obtaining a temporary restraining order or a preliminary injunction in circumstances in which such relief is appropriate; provided that any other relief shall be pursued through an arbitration proceeding pursuant to this Section. 8.Consent to Jurisdiction. To the extent that any court action is permitted consistent with or to enforce the preceding Section (â€œArbitration of Disputesâ€) of this Agreement, the parties hereby waive any right to a jury with respect to such action and consent to the jurisdiction of the Superior Court of the Commonwealth of Massachusetts and the United States District Court for the District of Massachusetts. Accordingly, with respect to 12Â Â Â Â any such court action, the Executive (a) submits to the personal jurisdiction of such courts; (b) consents to service of process; and (c) waives any other requirement (whether imposed by statute, rule of court, or otherwise) with respect to personal jurisdiction or service of process. 9.Integration. This Agreement constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements between the parties concerning such subject matter. 10.Section 409A. (a)Anything in this Agreement to the contrary notwithstanding, if at the time of the Executiveâ€™s separation from service within the meaning of Section 409A of the Code, the Company determines that the Executive is a â€œspecified employeeâ€ within the meaning of Section 409A(a)(2)(B)(i) of the Code, then to the extent any payment or benefit that the Executive becomes entitled to under this Agreement on account of the Executiveâ€™s separation from service would be considered deferred compensation otherwise subject to the 20 percent additional tax imposed pursuant to Section 409A(a) of the Code as a result of the application of Section 409A(a)(2)(B)(i) of the Code, such payment shall not be payable and such benefit shall not be provided until the date that is the earlier of (A) six months and one day after the Executiveâ€™s separation from service, or (B) the Executiveâ€™s death. If any such delayed cash payment is otherwise payable on an installment basis, the first payment shall include a catch-up payment covering amounts that would otherwise have been paid during the six-month period but for the application of this provision, and the balance of the installments shall be payable in accordance with their original schedule. (b)All in-kind benefits provided and expenses eligible for reimbursement under this Agreement shall be provided by the Company or incurred by the Executive during the time periods set forth in this Agreement. All reimbursements shall be paid as soon as administratively practicable, but in no event shall any reimbursement be paid after the last day of the taxable year following the taxable year in which the expense was incurred. The amount of in-kind benefits provided or reimbursable expenses incurred in one taxable year shall not affect the in-kind benefits to be provided or the expenses eligible for reimbursement in any other taxable year (except for any lifetime or other aggregate limitation applicable to medical expenses). Such right to reimbursement or in-kind benefits is not subject to liquidation or exchange for another benefit. (c)To the extent that any payment or benefit described in this Agreement constitutes â€œnon-qualified deferred compensationâ€ under Section 409A of the Code, and to the extent that such payment or benefit is payable upon the Executiveâ€™s termination of employment, then such payments or benefits shall be payable only upon the Executiveâ€™s â€œseparation from service.â€ The determination of whether and when a separation from service has occurred shall be made in accordance with the presumptions set forth in Treasury Regulation Section 1.409A-1(h). (d)The parties intend that this Agreement will be administered in accordance with Section 409A of the Code. To the extent that any provision of this Agreement is ambiguous as to its compliance with Section 409A of the Code, the provision shall be read in such a manner so that all payments hereunder comply with Section 409A of the Code. Each payment pursuant to this Agreement is intended to constitute a separate payment for purposes of Treasury Regulation Section 1.409A-2(b)(2). The parties agree that this Agreement may be amended, as reasonably requested by either party, and as may be necessary to fully comply with Section 409A of the Code and all related rules and regulations in order to preserve the payments and benefits provided hereunder without additional cost to either party. (e)The Company makes no representation or warranty and shall have no liability to the Executive or any other person if any provisions of this Agreement are determined to constitute deferred compensation subject to Section 409A of the Code but do not satisfy an exemption from, or the conditions of, such Section. 11.Withholding. All payments made by the Company to the Executive under this Agreement shall be net of any tax or other amounts required to be withheld by the Company under applicable law. 13Â Â Â Â 12.Indemnification and D & O Insurance. The Executive shall be entitled to benefit from the Companyâ€™s officer indemnification agreements and insurance coverage to the same extent as other senior executive officers of the Company (including the right to such coverage or benefit following the

Executiveâ€™s employment to the extent liability continues to exist). The Company fully respects the Executiveâ€™s lawful obligations to the Executiveâ€™s prior employers. 13.Successor to the Executive. This Agreement shall inure to the benefit of and be enforceable by the Executiveâ€™s personal representatives, executors, administrators, heirs, distributees, devisees and legatees. In the event of the Executiveâ€™s death after his termination of employment but prior to the completion by the Company of all payments due him under this Agreement, the Company shall continue such payments to the Executiveâ€™s beneficiary designated in writing to the Company prior to his death (or to his estate, if the Executive fails to make such designation). 14.Enforceability. If any portion or provision of this Agreement (including, without limitation, any portion or provision of any section of this Agreement) shall to any extent be declared illegal or unenforceable by a court of competent jurisdiction, then the remainder of this Agreement, or the application of such portion or provision in circumstances other than those as to which it is so declared illegal or unenforceable, shall not be affected thereby, and each portion and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law. 15.Survival. The provisions of this Agreement shall survive the termination of this Agreement and/or the termination of the Executiveâ€™s employment to the extent necessary to effectuate the terms contained herein. 16.Waiver. The Company and the Executive acknowledge and agree that the Company may unilaterally waive the Executiveâ€™s post-employment noncompetition obligations under Section 6(e)(i), and in the event of such a waiver, the Company is not required to pay the Executive any post-employment Noncompetition Consideration under this Agreement. No waiver of any provision hereof shall be effective unless made in writing and signed by the waiving party. The failure of any party to require the performance of any term or obligation of this Agreement, or the waiver by any party of any breach of this Agreement, shall not prevent any subsequent enforcement of such term or obligation or be deemed a waiver of any subsequent breach. 17.Notices. Any notices, requests, demands and other communications provided for by this Agreement shall be sufficient if in writing and delivered in person or sent by a nationally recognized overnight courier service or by registered or certified mail, postage prepaid, return receipt requested, to the Executive at the last address the Executive has filed in writing with the Company or, in the case of the Company, at its main offices, attention of the Board. 18.Amendment. This Agreement may be amended or modified only by a written instrument signed by the Executive and by the Companyâ€™s Chairperson of the Board. 19.Governing Law. This is a Massachusetts contract and shall be construed under and be governed in all respects by the laws of the Commonwealth of Massachusetts, without giving effect to the conflict of laws principles of such Commonwealth. With respect to any disputes concerning federal law, such disputes shall be determined in accordance with the law as it would be interpreted and applied by the United States Court of Appeals for the First Circuit. 20.Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be taken to be an original; but such counterparts shall together constitute one and the same document. 21.Assignment. Neither the Company nor the Executive may make any assignment of this Agreement or any interest herein, by operation of law or otherwise, without the prior written consent of the other party. Notwithstanding the foregoing, the Company may assign its rights under this Agreement without any such further consent of the Executive to any successor in interest to the Company including in the event that the Company shall effect a reorganization, consolidate with or merge into any other corporation, limited liability company, 14Â Â Â Â partnership, organization or other entity, or transfer all or substantially all of its properties or assets to any other corporation, limited liability company, partnership, organization or other entity. 22.Successor to Company. The Company shall require any successor (whether direct or indirect, by purchase, merger, consolidation or otherwise) to all or substantially all of the business or assets of the Company expressly to assume and agree to perform this Agreement to the same extent that the Company would be required to perform it if no succession had taken place. Failure of the Company to obtain an assumption of this Agreement at or prior to the effectiveness of any succession shall be a material breach of this Agreement. 23.Gender Neutral. Wherever used herein, a pronoun in the masculine gender shall be considered as including the feminine gender unless the context clearly indicates otherwise. [Remainder of Page Intentionally Left Blank] Â 15Â Â Â Execution Version IN WITNESS WHEREOF, the parties have executed this Agreement on the date and year first above written. REPLIGEN CORPORATION /s/ KAREN DAWES By: Karen DawesIts: Chairperson of the Board EXECUTIVE /s/ OLIVIER LOEILLOT Olivier Loeillot Â Â Â EX-31.1 4 rgen-ex31_1.htm EX-31.1 EX-31.1 Â Exhibit 31.1 CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER PURSUANT TO RULE 13a-14(a) / RULE 15d-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED I, Tony J. Hunt, certify that: 1.I have reviewed this Quarterly Report on Form 10-Q of Repligen Corporation; 2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4.The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5.The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Date: July 30, 2024 Â /s/ TONYÂ J. HUNT Tony J. Hunt Chief Executive Officer (Principal executive officer) Â Â EX-31.2 5 rgen-ex31_2.htm EX-31.2 EX-31.2 Â Exhibit 31.2 CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER PURSUANT TO RULE 13a-14(a) / RULE 15d-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED I, Jason K. Garland, certify that: 1.I have reviewed this Quarterly Report on Form 10-Q of Repligen Corporation; 2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4.The registrantâ€™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5.The registrantâ€™s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: July 30, 2024 Â /s/ JASON K. GARLAND Jason K. Garland Chief Financial Officer (Principal financial officer) Â Â EX-32.1 6 rgen-ex32_1.htm EX-32.1 EX-32.1 Â Exhibit 32.1* CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 In connection with the Quarterly Report of Repligen Corporation (the â€œCompanyâ€) on Form 10-Q for the period ending June 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), the undersigned officers of the Company hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to my knowledge, that: (1)The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and (2)The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Date: July 30, 2024 Â By: /S/ TONYÂ J. HUNT Â Tony J. Hunt Â Chief Executive Officer Â (Principal executive officer) Â Â Â Â Date: July 30, 2024 Â By: /S/ JASON K. GARLAND Â Jason K. Garland Â Chief Financial Officer Â (Principal financial officer) * This certification shall not be deemed â€œfiledâ€ for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934. Â Â EX-101.SCH 7 rgen-20240630.xsd XBRL TAXONOMY EXTENSION SCHEMA WITH EMBEDDED LINKBASES DOCUMENT 100000 - Document - Cover Page link:presentationLink link:calculationLink link:definitionLink 100010 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS link:presentationLink link:calculationLink link:definitionLink 100020 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 100030 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) link:presentationLink link:calculationLink link:definitionLink 100040 - Statement - CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY link:presentationLink link:calculationLink link:definitionLink 100050 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:definitionLink 100060 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 995455 - Disclosure - Summary of Significant Accounting Policies link:presentationLink link:calculationLink link:definitionLink 995465 - Disclosure - Fair Value Measurements link:presentationLink link:calculationLink link:definitionLink 995475 - Disclosure - Acquisitions link:presentationLink link:calculationLink link:definitionLink 995485 - Disclosure - Restructuring Plan link:presentationLink link:calculationLink link:definitionLink 995495 - Disclosure - Revenue Recognition link:presentationLink link:calculationLink link:definitionLink 995505 - Disclosure - Goodwill and Intangible Assets link:presentationLink link:calculationLink link:definitionLink 995515 - Disclosure - Consolidated Balance Sheet Detail link:presentationLink link:calculationLink link:definitionLink 995525 - Disclosure - Convertible Senior Notes link:presentationLink link:calculationLink link:definitionLink 995535 - Disclosure - Stockholders' Equity link:presentationLink link:calculationLink link:definitionLink 995545 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 995555 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 995565 - Disclosure - Earnings Per Share link:presentationLink link:calculationLink link:definitionLink 995575 - Disclosure - Related Party Transactions link:presentationLink link:calculationLink link:definitionLink 995585 - Disclosure - Segment Reporting link:presentationLink link:calculationLink link:definitionLink 995595 - Disclosure - Subsequent Event link:presentationLink link:calculationLink link:definitionLink 995605 - Disclosure - Summary of Significant Accounting Policies (Policies) link:presentationLink link:calculationLink link:definitionLink 995615 - Disclosure - Fair Value Measurements (Tables) link:presentationLink link:calculationLink link:definitionLink 995625 - Disclosure - Acquisitions (Tables) link:presentationLink link:calculationLink link:definitionLink 995635 - Disclosure - Restructuring Plan (Tables) link:presentationLink link:calculationLink link:definitionLink 995645 - Disclosure - Revenue Recognition (Tables) link:presentationLink link:calculationLink link:definitionLink 995655 - Disclosure - Goodwill and Intangible Assets (Tables) link:presentationLink link:calculationLink link:definitionLink 995665 - Disclosure - Consolidated Balance Sheet Detail (Tables) link:presentationLink link:calculationLink link:definitionLink 995675 - Disclosure - Convertible Senior Notes (Tables) link:presentationLink link:calculationLink link:definitionLink 995685 - Disclosure - Stockholders' Equity (Tables) link:presentationLink link:calculationLink link:definitionLink 995695 - Disclosure - Earnings Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink 995705 - Disclosure - Segment Reporting (Tables) link:presentationLink link:calculationLink link:definitionLink 995715 - Disclosure - Fair Value Measurements - Summary of Company's Cash, Cash Equivalents and Marketable Securities Held to Maturity (Detail) link:presentationLink link:calculationLink link:definitionLink 995725 - Disclosure - Fair Value Measurements - Schedule of Amortized Cost and Fair Value Held to Maturity Securities by Contractual Maturity (Detail) link:presentationLink link:calculationLink link:definitionLink 995735 - Disclosure - Fair Value Measurements - Schedule of Financial assets and financial liabilities measured at fair value on a recurring basis (Details) link:presentationLink link:calculationLink link:definitionLink 995745 - Disclosure - Fair Value Measurement - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995755 - Disclosure - Fair Value Measurements - Schedule of Reconciliation of the Change in the Fair Value of Contingent Consideration - Earnout (Detail) link:presentationLink link:calculationLink link:definitionLink 995765 - Disclosure - Fair Value Measurements - Schedule of Contingent Consideration Earnout Expect to be Required to Settle Include Significant Unobservable Inputs (Detail) link:presentationLink link:calculationLink link:definitionLink 995775 - Disclosure - Acquisitions - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995785 - Disclosure - Acquisitions - Fair Value of Net Assets Acquired (Detail) link:presentationLink link:calculationLink link:definitionLink 995795 - Disclosure - Acquisitions - Estimated Useful Life and Fair Value (Detail) link:presentationLink link:calculationLink link:definitionLink 995805 - Disclosure - Restructuring Plan - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995815 - Disclosure - Restructuring Plan - Summary of Restructuring Activities by Type of Cost (Detail) link:presentationLink link:calculationLink link:definitionLink 995825 - Disclosure - Restructuring Plan - Summary of Activity Related to Restructuring Plan (Detail) link:presentationLink link:calculationLink link:definitionLink 995835 - Disclosure - Revenue Recognition - Summary of Disaggregation of Revenue (Detail) link:presentationLink link:calculationLink link:definitionLink 995845 - Disclosure - Revenue Recognition - Summary of Receivables and Deferred Revenue from Contracts with Customers (Detail) link:presentationLink link:calculationLink link:definitionLink 995855 - Disclosure - Goodwill and Intangible Assets - Changes in Carrying Value of Goodwill (Detail) link:presentationLink link:calculationLink link:definitionLink 995865 - Disclosure - Goodwill and Intangible Assets - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995875 - Disclosure - Goodwill and Intangible Assets - Schedule of Intangible Assets (Detail) link:presentationLink link:calculationLink link:definitionLink 995885 - Disclosure - Goodwill and Intangible Assets - Amortization Expense for Amortized Intangible Assets (Detail) link:presentationLink link:calculationLink link:definitionLink 995895 - Disclosure - Consolidated Balance Sheet Detail - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 995905 - Disclosure - Consolidated Balance Sheet Detail - Schedule of Inventories (Detail) link:presentationLink link:calculationLink link:definitionLink 995915 - Disclosure - Consolidated Balance Sheet Detail - Schedule of Asset Held for Sale (Details) link:presentationLink link:calculationLink link:definitionLink 995925 - Disclosure - Consolidated Balance Sheet Detail - Property, Plant and Equipment, Net (Detail) link:presentationLink link:calculationLink link:definitionLink 995935 - Disclosure - Consolidated Balance Sheet Detail - Schedule of Accrued Liabilities (Detail) link:presentationLink link:calculationLink link:definitionLink 995945 - Disclosure - Convertible Senior Notes - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995955 - Disclosure - Convertible Senior Notes - Convertible Debt (Detail) link:presentationLink link:calculationLink link:definitionLink 995965 - Disclosure - Convertible Senior Notes - Schedule of convertible note interest expense (Details) link:presentationLink link:calculationLink link:definitionLink 995975 - Disclosure - Stockholders' Equity - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 995985 - Disclosure - Stockholders' Equity - Stock-Based Compensation Expense (Detail) link:presentationLink link:calculationLink link:definitionLink 995995 - Disclosure -

Stockholders' Equity - Stock-Based Compensation Expense (Parenthetical) (Detail) link:presentationLink link:calculationLink link:definitionLink 996005 - Disclosure - Stockholders' Equity - Summary of Option Activity (Detail) link:presentationLink link:calculationLink link:definitionLink 996015 - Disclosure - Stockholders' Equity - Summary of Option Activity (Parenthetical) (Detail) link:presentationLink link:calculationLink link:definitionLink 996025 - Disclosure - Stockholders' Equity - Summary of Restricted Stock Unit Activity (Detail) link:presentationLink link:calculationLink link:definitionLink 996035 - Disclosure - Stockholders' Equity - Summary of Restricted Stock Unit Activity (Parenthetical) (Detail) link:presentationLink link:calculationLink link:definitionLink 996045 - Disclosure - Commitments and Contingencies - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996055 - Disclosure - Income Taxes - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996065 - Disclosure - Earnings Per Share - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996075 - Disclosure - Earnings Per Share - Reconciliation of Basic and Diluted Shares Amounts (Detail) link:presentationLink link:calculationLink link:definitionLink 996085 - Disclosure - Related Party Transactions - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996095 - Disclosure - Segment Reporting - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 996105 - Disclosure - Segment Reporting - Percentage of Revenue by Geographic Area (Detail) link:presentationLink link:calculationLink link:definitionLink 996115 - Disclosure - Subsequent Event - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink Volatility rate of contingent consideration. Volatility rate of Contingent Consideration Volatility Statement [Line Items] Statement [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Additional Disclosures [Abstract] Weighted-Average Remaining Contractual Term (in years) Inventory, Current [Table] Land [Member] Land Debt Instrument, Interest Rate During Period Premium over sale price Debt Instrument [Axis] Debt Instrument [Axis] Debt Instrument Exchange Amount Debt Instrument Exchange Amount Debt Intrument Exchange Amount Amount paid in cash for coversion Conversion of Stock, Amount Converted Increase (Decrease) in Accounts Receivable Accounts receivable Plan Name [Domain] Debt securities held to maturity amortised cost. Debt Securities Held to Maturity Amortised Cost Marketable securities, Amortized Costs Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation Tax withholding on vesting of restricted stock units Tax withholding on vesting of restricted stock units Entity Address, Postal Zip Code Metenova Holding AB. Metenova Holding AB [Member] Metenova Holding AB Weighted Average Number of Shares Outstanding, Diluted, Adjustment Dilutive potential common shares Fair Value, Recurring and Nonrecurring [Table] Entity Incorporation, State or Country Code Business Combination, Acquisition Related Costs Business combination, acquisition related costs Restructuring Charges, Total Restructuring Charges Restructuring charges Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent [Abstract] Other comprehensive income (loss): Intangible Assets [Line Items] Intangible Assets [Line Items] Intangible Assets [Line Items] Costs and Expenses [Abstract] Costs and operating expenses: Revenues [Abstract] Revenue: Number of Operating Segments Number of operating segments Share-Based Payment Arrangement, Tranche One [Member] Vest Over Three Year Business Combination Disclosure [Text Block] Acquisitions Schedule of Intangible Assets Schedule Of Finite Lived And Indefinite Lived Intangible Assets [Table Text Block] Schedule Of Finite Lived And Indefinite Lived Intangible Assets [Table Text Block] Finite-Lived Intangible Asset, Expected Amortization, Year Four 2027 Options exercisable at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Exercise Price Customer number one member. Customer Number One [Member] Customer Number One [Member] Shares, Outstanding Ending Balance (in shares) Beginning Balance (in shares) Other Noncash Income (Expense) Other Noncash Income (Expense), Total Other Fair Value Hierarchy and NAV [Axis] Debt instrument exchanged amount cancelled Debt Instrument Exchanged Amount Cancelled Debt istrument cancelled Schedule of Recognized Identified Assets Acquired and Liabilities Assumed [Table Text Block] Schedule of Recognized Identified Assets Acquired and Liabilities Assumed Disposal Group, Including Discontinued Operation, Assets, Current [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Share-based Compensation Arrangement by Share-based Payment Award [Line Items] R&D and Commercialization-based payments. R&D and Commercialization-based Payments [Member] R&D and Commercialization-based Payments Noncompete Agreements [Member] Non-compete agreements Measurement Input Earnout Discount Rate. Measurement Input Earnout Discount Rate [Member] Earnout Discount Rate Subscription Transaction [Member] Subscription Transaction [Member] Subscription Transaction Business acquisition working capital adjustments. Business Acquisition Working Capital Adjustments Working capital adjustment Commitments and Contingencies Disclosure [Text Block] Commitments and Contingencies Restructuring Cost [Table] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Table Text Block] Schedule of Reconciliation of the Change in the Fair Value of Contingent Consideration - Earnout Product and Service [Axis] Income Taxes [Line Items] Income Taxes [Line Items] Income Taxes [Line Items] Convertible Notes Payable, Current Total convertible senior notes Convertible Senior Notes due 2024, net Stock Option and Incentive Plan [Member] Stock Option And Incentive Plan [Member] 2018 Plan Indefinite-Lived Intangible Assets (Excluding Goodwill) Indefinite-lived Intangible Assets (Excluding Goodwill), Ending Balance Indefinite-lived Intangible Assets (Excluding Goodwill), Beginning Balance Indefinite-lived Intangible Assets (Excluding Goodwill), Total Gross Carrying Value Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets by Major Class [Axis] Award split, percentage Award split, percentage Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Goodwill [Table] Schedule of Goodwill [Table] Schedule of Intangible Assets [Table] Schedule of Intangible Assets [Table] Schedule of Intangible Assets [Table] Related Party Transaction [Line Items] Related Party Transaction [Line Items] Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Axis] Equity [Text Block] Stockholders' Equity Title and Position [Axis] Title of Individual [Axis] Disclosure of Long-Lived Assets Held-for-Sale [Table Text Block] Assets held for sale Revenue from Contract with Customer [Text Block] Revenue Recognition Award Date [Axis] Sale of Stock [Domain] Cash and Cash Equivalents [Domain] Inventory, Work in Process, Net of Reserves Work-in-process Long-Term Debt, Gross Principal amount Finite-Lived Intangible Asset, Useful Life Weighted Average Useful Life (in years) Expected useful life Entity Central Index Key Inventory Write-Off Inventory Write-Off [Member] Inventory write-off. Increase (Decrease) in Operating Capital [Abstract] Changes in operating assets and liabilities, excluding impact of acquisitions: Percent of excise tax on net stock repurchases. Percent Of Excise Tax On Net Stock Repurchases Percent of excise tax on net stock repurchases Concentration Risk [Table] Concentration Risk [Table] Common Stock, Shares, Issued Common stock, shares issued Common Stock, Shares, Issued, Total Chief Financial Officer Chief Financial Officer [Member] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table] Schedule of Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Table] Other Intangible Assets [Member] Other intangibles Weighted average number of shares dilutive effect of unvested performance stock units. Weighted Average Number of Shares Dilutive Effect of Unvested Performance Stock Units Dilutive effect of unvested performance stock units Proceeds from Convertible Debt Proceeds from issuance of convertible senior notes, net of costs Accumulated Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Net of Tax Accumulated Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Net of Tax, Ending Balance Translation adjustment Translation adjustment Increase (Decrease) in Prepaid Expense and Other Assets Increase (Decrease) in Prepaid Expense and Other Assets, Total Prepaid expenses and other assets Award Date [Domain] Income Statement [Abstract] Options to Purchase Common Stock Options to Purchase Common Stock [Member] Options to purchase common stock. Debt securities held to maturity gross unrealized gain. Debt Securities Held to Maturity Gross Unrealized Gain Marketable securities, Gross Unrealized Gains Entity Address, State or Province Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Income before income taxes Amortization of debt issuance cost. Amortization Of Debt Issuance Cost Amortization of debt issuance costs Amortization of debt issuance costs Debt Instrument, Convertible, Threshold Percentage of Stock Price Trigger Notes threshold percentage of stock price trigger Concentration Risk Type [Domain] Concentration Risk Type [Domain] Debt Instrument Exchanged Amount Debt Instrument Exchanged Amount Debt instrument exchanged amount Debt securities maturity within one year amortized cost. Debt Securities Maturity Within One Year Amortized Cost Customer [Axis] Customer [Axis] Customer Concentration Risk [Member] Customer Concentration Risk Unrecognized Tax Benefits, Income Tax Penalties and Interest Expense, Total Unrecognized Tax Benefits, Income Tax Penalties and Interest Expense Income tax provision Finite-Lived Intangible Asset, Expected Amortization, Year Three 2026 Options exercisable at June 30 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Intrinsic Value Schedule of Amortized Cost and Fair Value Held to Maturity Securities by Contractual Maturity Investments Classified by Contractual Maturity Date [Table Text Block] Payments of Debt Issuance Costs Payment of debt issuance costs Amortization of debt issuance costs Amortization of Debt Issuance Costs Amortization of debt issuance costs Amortization of debt discount and issuance costs Cover [Abstract] Subsequent Event [Line Items] 2024 Award Amendment Two Thousand Twenty Four Award Amendment [Member] Two thousand twenty four award amendment. Earnings Per Share, Basic Basic Earnings Per Share, Basic, Total Issuance of common stock pursuant to the acquisition, (in shares) Stock Issued During Period, Shares, Acquisitions Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Other Noncurrent Assets Other long-term assets Long-Term Debt Notes, carrying value Long-term Debt, Total Total convertible senior notes Debt instrument convertible in to equity settled Debt Instrument Convertible Into Equity Settled Debt instrument convertible in to equity settled Retained Earnings (Accumulated Deficit) Retained Earnings (Accumulated Deficit), Ending Balance Retained Earnings (Accumulated Deficit), Beginning Balance Accumulated earnings Retained Earnings (Accumulated Deficit), Total Plan Name [Axis] U.S. treasury bills US Treasury Bill Securities [Member] Segment Reporting [Abstract] Options outstanding at June 30, 2024 /Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Stock options, outstanding Options outstanding at December 31, 2023 DilutivesharesAbstract Dilutive shares, Effect on Basic Earnings Per Share [Abstract] Effect of dilutive shares Supplemental Cash Flow Elements [Abstract] Supplemental disclosure of non-cash investing and financing activities: Assets, Current [Abstract] Current assets: Common Stock, Capital Shares Reserved for Future Issuance Common stock shares reserved for Issuance Performance Based Restricted Stock Units Performance Based Restricted Stock Units[Member] Performance based restricted stock units. Investment Type [Axis] Net Cash Provided by (Used in) Operating Activities Total cash provided by operating activities Weighted Average, Forfeited/Cancelled Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Fair value of common stock issued for acquisition Stock Issued Business Combination, Recognized Identifiable Assets Acquired, Goodwill, and Liabilities Assumed, Net Fair value of net assets acquired Royalty Expense Royalty payments Product and Service [Domain] Accumulated Other Comprehensive Income (Loss), Net of Tax Accumulated other comprehensive loss Accumulated Other Comprehensive Income (Loss), Net of Tax, Total Debt Instrument [Line Items] Debt Instrument [Line Items] Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment, Total Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment Property and equipment Concentration Risk [Line Items] Concentration Risk [Line Items] Concentration Risk [Line Items] Property, Plant and Equipment, Net Property, Plant and Equipment, Net, Ending Balance Property, Plant and Equipment, Net, Beginning Balance Property, plant and equipment, net Total property, plant and equipment, net Net Cash Provided by (Used in) Operating Activities [Abstract] Cash flows from operating activities: FlexBiosys FlexBiosys, Inc. [Member] FlexBiosys, Inc. FlexBiosys, Inc. Type of Restructuring [Domain] Fair Value, Recurring [Member] Fair Value, Recurring Restructuring and Related Activities [Abstract] Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis Vesting [Axis] Vesting [Axis] Common Stock, Par or Stated Value Per Share Common stock, par value Measurement Input Type [Domain] Contract with Customer, Liability The beginning deferred revenue balance Contract with Customer, Liability, Total Restricted Stock and Option to Purchase Common Stock Restricted Stock and Option to Purchase Common Stock [Member] Restricted stock and option to purchase common stock. Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill, Total Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill Business combination, intangible assets Customer relationships Statement of Cash Flows [Abstract] Facility exit and other exit costs Facility Exit and Other Exit Costs [Member] Facility exit and other exit costs. Long-Term Debt, Fair Value Fair value of convertible senior notes Fair value of the note Debt securities held to maturity estimated fair value. Debt Securities Held to Maturity Estimated Fair Value Marketable securities, Estimated Fair Value Increase (Decrease) in Other Noncurrent Liabilities Long-term liabilities Selling, General and Administrative Expenses [Member] Selling, general and administrative Entity [Domain] Entity [Domain] Restructuring Costs Restructuring Costs Restructuring Costs, Total The increase (decrease) during the reporting period in operating lease right of use asset. Increase Decrease in Operating Lease Right Of Use Asset Operating lease right of use assets Indefinite Lived Intangible Assets Net Indefinite Lived Intangible Assets Net Net Carrying Value Indefinite Lived Intangible Assets Net, Total Equity Components [Axis] Equity Components [Axis] Chief Commercial Officer Chief Commercial Officer [Member] Chief commercial officer. New Date of Annual Goodwill Impairment Test Entity Address, Address Line One Debt instrument convertible into equity not yet converted. Debt Instrument Convertible Into Equity Not Yet Converted Debt instrument convertible into equity not yet converted Employee-related Liabilities, Current Employee compensation Employee-related Liabilities, Current, Total Severance & employee-related costs Employee Severance [Member] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Awarded Intangible Asset, Finite-Lived [Table] Schedule of Finite-Lived Intangible Assets [Table] Finite-Lived Intangible Assets Amortization Expense [Table Text Block] Schedule of Amortization Expense for Amortized Intangible Assets Schedules of Concentration of Risk, by Risk Factor [Table Text Block] Percentage by Geographic Area or Significant Customers Valuation Approach and Technique [Axis] APAC Other [Member] APAC/Other Apac Other Member Property, Plant and Equipment [Line Items] Property, Plant and Equipment [Line Items] Summary of Cash, Cash Equivalents and Marketable Securities Held to Maturity Cash, Cash Equivalents and Marketable Securities Held to Maturity [Table Text Block] Tabular disclosure of the components of cash, cash equivalents, and marketable securities held to maturity. Performance Stock Units Performance Stock Units [Member] Performance stock units. Subsequent Event Type [Axis] Subsequent Event Type [Axis] Nonoperating Income (Expense) Other income, net Indefinite Lived Intangible Assets Accumulated Amortization Indefinite Lived Intangible Assets Accumulated Amortization Accumulated Amortization Pfizer member. Pfizer [Member] Pfizer Unvested at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Restricted stock units, outstanding Unvested at December 31, 2023 Unvested at March 31, 2024 Finite-Lived Intangible Asset, Expected Amortization, Year Two 2025 Amendment Flag Increase (Decrease) in Operating Lease Liability Operating lease Liabilities Operating Lease, Liability, Noncurrent Noncurrent operating lease liability Probability of success. Probability of Success Probability of success Text Block [Abstract] Geographic Concentration Risk [Member] Geographic Concentration Risk Inventory, Finished Goods, Net of Reserves Finished products Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Additional Paid in Capital, Common Stock Additional Paid in Capital, Common Stock, Ending Balance Additional Paid in Capital, Common Stock, Beginning Balance Additional paid-in capital Net income Net income Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Exercised | shares Options exercisable at June 30, 2024 | shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Number Research and Development Expense [Member] Research and development Land Land Customer [Domain] Customer [Domain] Debt Instrument, Interest Rate Terms Interest repayment terms Equity Component [Domain] Equity Component [Domain] Statistical Measurement [Domain] Range [Domain] Supplemental Balance Sheet Disclosures [Text Block] Consolidated Balance Sheet Detail Business Combination, Contingent Consideration, Liability, Noncurrent Noncurrent contingent consideration Interest Expense, Debt Total Other Nonoperating Income (Expense) Other Nonoperating Income (Expense), Total Other (expenses) income Trademarks [Member] Trademarks Trademarks Disaggregation of Revenue [Table] Deferred Revenue, Current Deferred revenue Deferred Revenue, Current, Total Preferred Stock, Shares Issued Preferred stock, shares issued Preferred Stock, Shares Issued, Total Proceeds from Stock Options Exercised Proceeds from exercise of stock options Debt instrument issued for cash. Debt Instrument Issued For Cash Notes for cash Debt Instrument, Unamortized Discount, Total Debt Instrument, Unamortized Discount Unamortized debt discount Aggregate debt discount Conversion of debt (in shares) Stock Issued During Period, Shares, Conversion of Units Payables and Accruals [Abstract] Contract with Customer, Receivable, after Allowance for Credit Loss Accounts receivable Contract with Customer, Receivable, after Allowance for Credit Loss, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Net of Forfeitures Granted | shares Share-based Compensation Arrangement by Share-based Payment Award, Options, Grants in Period, Net of Forfeitures, Total Prepaid Expense and Other Assets, Current Prepaid expenses and other current assets Vested and expected to vest at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Exercise Price Class of Stock [Domain] Fair value of embedded conversion option. Fair Value of Embedded Conversion Option [Member] Fair Value Of Embedded Conversion Option Comprehensive income (loss) Comprehensive Income (Loss), Net of Tax, Attributable to Parent Common Stock, Shares, Outstanding Common Stock, Shares, Outstanding, Ending Balance Common Stock, Shares, Outstanding, Beginning Balance Common stock, shares outstanding Share-based Compensation Arrangement by Share-based Payment Award, Options, Aggregate Intrinsic Value [Abstract] Share-based Compensation Arrangement by

Share-based Payment Award, Options, Aggregate Intrinsic Value [Abstract] Aggregate Intrinsic Value Finite-Lived Intangible Assets, Major Class Name [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Options Outstanding Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life Weighted Average Useful Life (in years) Preferred Stock, Par or Stated Value Per Share Preferred stock, par value Revenue Benchmark [Member] Sales Revenue Total Revenue Asset Impairment Charges [Abstract] Schedule of Weighted Average Number of Shares [Table Text Block] Basic and Diluted Weighted Average Shares Outstanding Cash Cash Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block] Summary of Restricted Stock Unit Activity Liabilities, Noncurrent Total noncurrent liabilities Entity Interactive Data Current Maturity of one year or less, Estimated Fair Value Debt Securities, Available-for-Sale, Fair Value, Maturity, Allocated and Single Maturity Date, Year One Cash Acquired from Acquisition Product Product Revenue Product [Member] Cost of Sales [Member] Cost of goods sold Business Acquisition, Equity Interest Issued or Issuable, Number of Shares Shares issued for business acquisition Shares of common stock issued for acquisition Dilutive securities effect on basic earnings per share convertible senior notes. Dilutive Securities Effect On Basic Earnings Per Share Convertible Senior Notes Convertible Senior Notes Debt Instrument, Redemption Price, Percentage Notes redemption price Accounting Standards Update [Domain] Type of Adoption [Domain] Document Quarterly Report Goodwill [Line Items] Goodwill [Table Text Block] Convertible Debt [Table Text Block] Carrying Value of Convertible Senior Notes Weighted Average, Vested Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Cash, cash equivalents, beginning of period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Cash and cash equivalents, end of period Cash, Cash Equivalents, Restricted Cash and Restricted Cash Equivalents, Total Related Party Transactions Disclosure [Text Block] Related Party Transactions Statistical Measurement [Axis] Range [Axis] Schedule Of Earnings Per Share Basic And Diluted [Table] Schedule Of Earnings Per Share Basic And Diluted [Table] Schedule Of Earnings Per Share Basic And Diluted [Table] Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Liability Non Current. Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Liability Non Current Operating lease liability, long-term Finite-Lived Intangible Asset, Expected Amortization, Year Five 2028 Acquired Finite-Lived Intangible Asset, Residual Value Intangible Asset Residual Value Cost of Goods and Services Sold Cost of Goods and Services Sold, Total Cost of goods sold Assets, Fair Value Disclosure, Total Assets, Fair Value Disclosure Assets, fair value Related and Nonrelated Parties [Domain] Related Party [Domain] Right acquired through registration of a trademark to gain or protect exclusive use of business name, symbol or other device or style. Trademark [Member] Trademark Disaggregation of Revenue [Table Text Block] Disaggregation of Revenue Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liability Noncurrent Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liability Noncurrent Deferred tax liability, long-term Research and Development Arrangement [Member] Research and Development Arrangement [Member] Finite-Lived Intangible Assets, Gross Gross Carrying Value Finite-Lived Intangible Assets, Gross, Total Payments to Acquire Businesses, Net of Cash Acquired Payments to Acquire Businesses, Net of Cash Acquired, Total Acquisitions, net of cash acquired Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Incentive options, vesting period Basis of Presentation and Significant Accounting Policies [Text Block] Basis of presentation Weighted Average, Awarded Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Weighted average grant date fair value of restricted stock units granted Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Unrecognized compensation cost, weighted average remaining requisite service period Ownership [Domain] Debt Instrument, Convertible, Threshold Consecutive Trading Days Statement of Income Location, Balance [Axis] Income Statement Location [Axis] Cash and Cash Equivalents [Axis] Assets Total assets Restructuring Type [Axis] Schedule of Long-Term Debt Instruments [Table] Schedule of Long-term Debt Instruments [Table] Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Additional Disclosures [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Vested Business Acquisition [Line Items] Recent Accounting Guidance New Accounting Pronouncements, Policy [Policy Text Block] Entity Address, City or Town AOCI Attributable to Parent [Member] Accumulated Other Comprehensive Loss Equity [Abstract] Zero Point Three Seven Five Percentage Convertible Senior Notes Due Twenty Twenty Four Member Zero Point Three Seven Five Percentage Convertible Senior Notes Due Twenty Twenty Four [Member] 0.375% Convertible Senior Notes due 2024 Forfeited Forfeited/cancelled Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period 2024 Two Thousand and Twenty Four [Member] Two thousand and twenty four. Amounts Paid Payments for Restructuring Unvested Options [Member] Unvested Options [Member] Unvested Options Debt Instrument, Face Amount Notes issued Principal amount Manufacturing line expansions. Manufacturing Line Expansions [Member] Manufacturing line expansions Restructuring Cost and Reserve [Line Items] Accounting Standards Update 2020-06 [Member] AccountingStandardsUpdate202006Member Share Price Closing price of common stock Share Price Equity award, grant date fair value Equity award, grant date fair value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value Disposal Group, Including Discontinued Operation, Assets, Current, Total Disposal Group, Including Discontinued Operation, Assets, Current Assets held for sale Maturity of one year or less, Amortized Costs Debt Securities, Available-for-Sale, Amortized Cost, Maturity, Allocated and Single Maturity Date, Year One Europe [Member] Europe Private Placement [Member] Private Placement Probability-weighted present value. Probability-Weighted Present Value [Member] Probability-weighted present value Zero Point Three Seven Five Percent Convertible Senior Notes Due Twenty Twenty Four [Member] 0.375% Convertible Senior Notes due 2024 Zero Point Three Seven Five Percent Convertible Senior Notes Due Twenty Twenty Four Member Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Exercise of stock options and vesting of stock units (in shares) Shares Issued, Shares, Share-based Payment Arrangement, after Forfeiture, Total NonCash Restructuring Items Noncash Restructuirng Items Restructuring Reserve, Settled without Cash Fair Value Disclosures [Abstract] Schedule Of Related Party [Table] Schedule Of Related Party [Table] Schedule Of Related Party [Table] Fair value of shares of common stock issued for contingent consideration earnouts. Fair Value of Shares of Common Stock Issued for Contingent Consideration Earnouts Fair value of shares of common stock issued for contingent consideration earnouts Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period, Weighted Average Exercise Price Forfeited/expired/cancelled Proceeds from Sale and Maturity of Held-to-Maturity Securities, Total Proceeds from Sale and Maturity of Held-to-Maturity Securities Proceeds from maturity of marketable securities held to maturity Liabilities, Current [Abstract] Current liabilities: Schedule of Accrued Liabilities [Line Items] Schedule of Accrued Liabilities [Line Items] Schedule of Accrued Liabilities [Line Items] Accounts Receivable [Member] Accounts Receivable [Member] Revenue recognized during periods presented relating to: Change in Contract with Customer, Asset and Liability [Abstract] Cash and cash equivalents Cash and Cash Equivalents [Member] Document Type Accounting Standards Update [Axis] Adjustments for New Accounting Pronouncements [Axis] Other investing activities Other investing activities Payments for (Proceeds from) Other Investing Activities Exchanged two zero one nine notes. Exchanged Two Zero One Nine Notes [Member] Exchanged 2019 Notes Property, Plant and Equipment, Other, Gross Other Title of 12(b) Security Cash and Cash Equivalents, at Carrying Value Cash and Cash Equivalents, at Carrying Value, Ending Balance Cash and Cash Equivalents, at Carrying Value, Beginning Balance Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value, Total Trademarks and Trade Names [Member] Trademark and tradename Statement of Stockholders' Equity [Abstract] Inventory [Line Items] Inventory [Line Items] Stock-based compensation expense related to the equity modification Stock or Unit Option Plan Expense Document Fiscal Period Focus Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period, Intrinsic Value Aggregate intrinsic value of stock options exercised Research and Development Expense Research and development Research and Development Expense, Total Payment, Tax Withholding, Share-Based Payment Arrangement Payment of tax withholding obligation on vesting of restricted stock Schedule of Goodwill [Table Text Block] Changes in Carrying Value of Goodwill Business Acquisition, Effective Date of Acquisition Business combination date of acquistion Indefinite-Lived Intangible Assets [Axis] Indefinite-lived Intangible Assets [Axis] Property, Plant and Equipment, Gross Property, Plant and Equipment, Gross, Ending Balance Property, Plant and Equipment, Gross, Beginning Balance Total property, plant and equipment Business Combination Consideration Indemnification Escrow Business Combination Consideration Indemnification Escrow Business acquisition, Indemnification escrow Subsequent Event Type [Domain] Subsequent Event Type [Domain] Total, Estimated Fair Value Debt Securities, Available-for-Sale, Maturity, Allocated and Single Maturity Date, Fair Value Non Employee Director Stock Option[Member] Non Employee Director Stock Option[Member] Non-Employee Directors Summary of Restructuring Activities by Type of Cost Schedule of Restructuring Reserve by Type of Cost [Table Text Block] Commitments and Contingencies [Table] Commitments and Contingencies [Table] Commitments and Contingencies [Table] Impairment of Intangible Assets (Excluding Goodwill) Impairment of intangible assets Impairment of Intangible Assets (Excluding Goodwill), Total Payments for Rent Rental expense Convertible senior notes. Convertible Senior Notes Total convertible senior notes Business Combination, Consideration Transferred, Equity Interests Issued and Issuable Equity consideration Value of common stock issued Investment Income, Net Investment income Investment Income, Net, Total Sale of Stock [Axis] Net Cash Provided by (Used in) Investing Activities [Abstract] Cash flows from investing activities: Investments [Domain] Marketable securities, Amortized Costs Available for Sale Securities, Amortized Cost Basis Available for sale securities, amortized cost basis. Accelerated depreciation Accelerated Depreciation [Member] Accelerated depreciation. Category of Item Purchased [Axis] Patents [Member] Patents Debt instrument convertible into equity. Debt Instrument Convertible Into Equity Debt instrument amount convertible into equity Income Tax Disclosure [Text Block] Income Taxes Ownership [Axis] Finite-Lived Intangible Liabilities [Line Items] Finite Lived Intangible Liabilities [Line Items] Finite-Lived Intangible Liabilities [Line Items] Finite-Lived Intangible Liabilities [Line Items] Selling, General and Administrative Expense Selling, general and administrative Selling, General and Administrative Expense, Total Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Short-Term Debt, Type [Axis] Trade Accounts Receivable [Member] Trade Accounts Receivable [Member] NGL Impact A[Member] NGL Impact A [Member] Finite-Lived Intangible Assets, Net Finite-Lived Intangible Assets, Net, Ending Balance Finite-Lived Intangible Assets, Net, Beginning Balance Net Carrying Value Net Carrying Value Avitide, Inc. [Member] Avitide, Inc. [Member] Avitide, Inc. Trade Names [Member] Trademark and tradename Depreciation, Depletion and Amortization, Nonproduction Depreciation and amortization Depreciation, Depletion and Amortization, Nonproduction, Total Short-Term Debt, Type [Domain] Debt Instrument, Frequency of Periodic Payment Notes, frequency of periodic payment Schedule of Finite-Lived Intangible Assets Acquired as Part of Business Combination [Table Text Block] Schedule of Identified Intangible Assets and Estimated Useful Lives Other Accrued Liabilities, Current Other Increase (Decrease) in Accounts Payable Accounts payable Increase (Decrease) in Accounts Payable, Total Income Taxes [Table] Income Taxes [Table] Income Taxes [Table] Proceeds from (Payments for) Other Financing Activities Other financing activities Modified Two Zero One Nine Notes [Member] Modified Two Zero One Nine Notes [Member] Modified 2019 Notes Liabilities and Equity [Abstract] LIABILITIES AND STOCKHOLDERS' EQUITY Document Period End Date Total cash used in financing activities Net Cash Provided by (Used in) Financing Activities Summary Of Significant Accounting Policies [Line Items] Summary Of Significant Accounting Policies [Line Items] Summary Of Significant Accounting Policies [Line Items] Income tax (benefit) provision Effective tax rate Effective Income Tax Rate Reconciliation, Percent Effective Income Tax Rate Reconciliation, Percent, Total Debt Instrument, Convertible, Threshold Trading Days Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Common stock excluded from calculation of diluted earnings per share Restructuring Liability June 30, 2024 Restructuring Liability December 31, 2023 Restructuring Liability Restructuring Reserve Restructuring Reserve, Total APIC, Share-Based Payment Arrangement, Increase for Cost Recognition APIC, Share-based Payment Arrangement, Increase for Cost Recognition, Total Stock-based compensation expense Accrued Liabilities, Current Accrued liabilities Total accrued liabilities Deferred revenue (included in accrued liabilities and other noncurrent liabilities in the condensed consolidated balance sheets) Deferred Revenue Deferred Revenue, Total Share recalculated value Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Exercise Price Income tax (benefit) provision Income Tax Expense (Benefit) Income Tax Expense (Benefit), Total Income tax provision Weighted Average Number of Shares, Restricted Stock Options and stock units Subsequent to the conversion. Subsequent to the Conversion Subsequent to conversion Asset, Held-for-Sale, Not Part of Disposal Group, Total Asset, Held-for-Sale, Not Part of Disposal Group Total assets held for sale Machinery and Equipment, Gross Equipment Machinery and Equipment, Gross, Total Trading Symbol Business Combinations [Abstract] Equity, Attributable to Parent Balance Balance Total stockholders' equity Buildings and Improvements, Gross Buildings Buildings and Improvements, Gross, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] Options Outstanding Inflation reduction act of two thousand twenty two member. Inflation Reduction Act Of Two Thousand Twenty Two [Member] Long-Lived Tangible Asset [Axis] Other Liabilities, Noncurrent Other noncurrent liabilities Other Liabilities, Noncurrent, Total Debt Instrument, Convertible, Conversion Price Notes initial conversion price Derivative Instrument [Axis] Payments to Acquire Businesses, Gross Cash consideration Restricted Stock Unit Restricted Stock Units (RSUs) [Member] RestrictedStockUnitsRSUMember Number of shares issued for excess conversion premium Conversion of Stock, Shares Issued Related Party Transactions [Abstract] Property, Plant and Equipment [Table] Goodwill Balance Balance Goodwill Goodwill, Total One point zero zero percent convertible senior notes due twenty twenty eight. One Point Zero Zero Percent Convertible Senior Notes Due Twenty Twenty Eight [Member] 1.00% Convertible Senior Notes due 2028 Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Total unrecognized compensation cost Share-based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount, Total Contract with Customer, Contract Asset, Contract Liability, and Receivable [Abstract] Balances from contracts with customers only: Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Liability Current. Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Liability Current Operating lease liability Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Stock-Based Compensation Expense Measurement Input Type [Axis] Deferred Income Tax Expense (Benefit) Deferred Income Tax Expense (Benefit), Total Deferred income taxes, net Geographical [Axis] Geographical [Axis] Summary of Activity Related to Restructuring Plan Restructuring and Related Costs [Table Text Block] BioFlex [Member] BioFlex [Member] BioFlex Assets, Noncurrent Total noncurrent assets Concentration Risk, Percentage Accounts receivable, percentage by customer Revenues, percentage by country Stock Issued During Period, Value, Conversion of Convertible Securities Conversion of Convertible Securities Stock Issued | value 2024 Grants Two Thousand Twenty Four Grants [Member] Two thousand twenty four grants. Non-cash interest income Noncash interest income. Noncash Interest Income Schedule of Accrued Liabilities [Table] Schedule of Accrued Liabilities [Table] Schedule of Accrued Liabilities [Table] Measurement Input, Price Volatility [Member] Volatility Schedule of Business Acquisitions, by Acquisition [Table] Scenario [Axis] Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Summary of Receivables and Deferred Revenue from Contracts with Customers Security Exchange Name Business Acquisition, Acquiree [Domain] Business Acquisition, Acquiree [Domain] Facility and Other Exit Costs Facility and Other Exit Costs [Member] Facility and other exit costs. Long-Lived Tangible Asset [Domain] Class of Stock [Axis] Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Ending Balance Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Beginning Balance Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment, Total Less - Accumulated depreciation Legal Entity [Axis] Legal Entity [Axis] Fair Value Disclosures [Text Block] Fair Value Measurements Furniture and Fixtures, Gross Furniture, fixtures and office equipment Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Weighted average grant date fair value of share-based awards granted Subsidiary, Ownership Percentage, Noncontrolling Owner Non controlling ownership interest minimum Subsequent Event Subsequent Event [Member] Maximum [Member] Maximum Restructuring and Related Activities Disclosure [Text Block] Restructuring Plan Liabilities and Equity Total liabilities and stockholders' equity Intangible Assets, Gross (Excluding Goodwill) Gross Carrying Value Gross Carrying Value Measurement Input Revenue & Volume Discount Rate. Measurement Input Revenue & Volume Discount Rate [Member] Revenue & Volume Discount Rate Gain (Loss) on Extinguishment of Debt, Total Gain (Loss) on Extinguishment of Debt Loss on extinguishment of debt Operating Lease, Right-of-Use Asset Operating lease right of use assets Measurement Input Probability of Success. Measurement Input Probability of Success [Member] Probability of Success Weighted Average, Vested and expected to vest at June 30, 2024 Share Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Vested and Expected to Vest Outstanding Weighted Average Grant Date Fair Value Share based compensation arrangement by share based payment award equity instruments other than options vested and expected to vest outstanding weighted average grant date fair value. Diluted (Note 12) Earnings Per Share, Diluted Earnings Per Share, Diluted, Total Diluted Dilutive effect on shares of conversion premium. Dilutive Effect On Shares Of Conversion Premium Dilutive effect on shares of conversion premium Exchange Transaction [Member] Exchange Transaction [Member] Exchange Transaction Business

Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities, Total Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities Net liabilities assumed Liabilities Total liabilities Fair Value Hierarchy and NAV [Domain] Assets, Current Total current assets Total cash (used in) provided by investing activities Net Cash Provided by (Used in) Investing Activities Modification of debt. Modification of Debt Modification of debt Scenario Forecast Forecast [Member] Payment for Contingent Consideration Liability, Financing Activities Payment of earnout consideration Incentive options, vesting period Restricted stock units and options, vesting period Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Right Of Use Asset. Business Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Right Of Use Asset Operating lease right of use asset Entity Filer Category Goodwill and Intangible Assets Disclosure [Text Block] Goodwill and Intangible Assets Property, Plant and Equipment [Abstract] Vested and expected to vest at June 30, 2024 Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Vested And Expected To Vest Number Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Vested And Expected To Vest Number Cash and cash equivalents, Estimated Fair Value Debt Securities Held to Maturity and Cash and Cash Equivalents Estimated Fair Value Debt securities held to maturity and cash and cash equivalents estimated fair value. Schedule of convertible note interest expense Schedule of convertiable note interest expense Stock issued during period, value,contingent consideration earnout payment Stock Issued During Period, Value,Contingent Consideration Earnout Payment Issuance of common stock pursuant to contingent consideration earnout payment Current Fiscal Year End Date Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Increase in fair value of contingent consideration earnouts Business Combination, Consideration Transferred, Liabilities Incurred Business combination contingent consideration Decrease in fair value of contingent consideration earnouts Amount eligible for grant Eligible for grant Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested in Period, Fair Value Novo Nordisk A/S [Member] Novo Nordisk A/S [Member] Novo Nordisk A/S. Interest on Convertible Debt, Net of Tax Charges associated with convertible debt instruments, net of tax Interest charges associated with convertible debt instruments Stock-based compensation expense Stock-based compensation Share-Based Payment Arrangement, Noncash Expense Share-based Payment Arrangement, Noncash Expense, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Options outstanding Related and Nonrelated Parties [Axis] Related Party [Axis] Interest Expense, Debt, Excluding Amortization Contractual interest expense Exchange and subscription agreements. Exchange and Subscription Agreements [Member] Exchange And Subscription Agreements Goodwill, Foreign Currency Translation Gain (Loss) Cumulative translation adjustment Business Combination, Contingent Consideration, Liability, Current Current contingent consideration Entity Registrant Name Deferred Tax and Other Liabilities, Noncurrent Deferred tax liabilities Indefinite-Lived Intangible Assets, Major Class Name [Domain] Indefinite-lived Intangible Assets, Major Class Name [Domain] Inventory adjustments Inventory Adjustments [Member] Inventory adjustments. Business Combination, Indemnification Assets, Range of Outcomes, Value, High Two zero two nineteen notes. Two Zero Two Nineteen Notes [Member] 2019 Notes Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Table] Earnings Per Share [Text Block] Earnings Per Share Debt Instrument, Maturity Date Notes, due date Entity Emerging Growth Company Emerging growth company Numerator Net Income (Loss) Available to Common Stockholders, Basic [Abstract] Money Market Funds [Member] Money Market Purchase of intellectual property Purchase of intellectual property Payments to Acquire Intangible Assets Weighted Average Number of Shares Outstanding, Basic Basic Weighted Average Number of Shares Outstanding, Basic, Total Weighted average shares used in computing net income per share - basic Vesting [Domain] Vesting [Domain] Repayment of Convertible Senior Notes Repayments of Convertible Debt Repayment of convertible debt Repayment of convertible debt Contingent consideration Business Combination, Contingent Consideration Arrangements, Change in Amount of Contingent Consideration, Liability Payment of contingent consideration earnout Real Estate Held for Development and Sale, Policy [Policy Text Block] Assets Held for Sale Common Stock, Shares Authorized Common stock, shares authorized Share-Based Payment Arrangement, Shares Withheld for Tax Withholding Obligation Tax withholding on vesting of restricted stock units (in shares) Tax withholding on vesting of restricted stock units (in shares) Royalty [Member] Royalty and other revenue Royalty and Other Income Proceeds from Issuance of Common Stock Proceeds from issuance of common stock, net Proceeds from issuance of common stock, net of issuance costs Concentration Risk Type [Axis] Concentration Risk Type [Axis] Fair Value, Inputs, Level 1 [Member] Level 1 Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Aggregate Intrinsic Value, Vested Aggregate intrinsic value of restricted stock units vested Debt Disclosure [Abstract] Long-Term Debt [Text Block] Convertible Senior Notes Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Granted Amortization of Intangible Assets Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term Options outstanding Spectrum Inc. Spectrum Inc [Member] Spectrum Inc. Spectrum Inc. Long-Term Purchase Commitment, Category of Item Purchased [Domain] Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Prepaid Expense and Other Assets Prepaid expenses and other current assets Share-Based Payment Arrangement [Abstract] Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Exercise of stock options and vesting of stock units Shares Issued, Value, Share-based Payment Arrangement, after Forfeiture, Total Measurement period adjustment - FlexBiosys Measurement period adjustment - FlexBiosys Goodwill, Measurement Period Adjustment Summary Of Significant Accounting Policies [Table] Summary Of Significant Accounting Policies [Table] Summary Of Significant Accounting Policies [Table] Exchanged 2019 notes. Exchanged 2019 Notes [Member] 2019 Notes [Member] Issuance of common stock pursuant to the acquisition Stock Issued During Period, Value, Acquisitions Accounting Policies [Abstract] Share-Based Payment Arrangement, Option, Activity [Table Text Block] Summary of Option Activity Cash and Cash Equivalents [Line Items] Income Tax Disclosure [Abstract] Inventory, Raw Materials, Net of Reserves Raw materials Equity, Attributable to Parent [Abstract] Stockholders' equity: Effect of Exchange Rate on Cash and Cash Equivalents, Total Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Including Disposal Group and Discontinued Operations Effect of exchange rate changes on cash and cash equivalents Statement [Table] Statement [Table] Property, Plant and Equipment [Table Text Block] Property, plant and equipment, net Vested and expected to vest at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Remaining Contractual Term Millipore Sigma. Millipore Sigma [Member] MilliporeSigma Business Combination Recognized Identifiable Assets Acquired And Liabilities Assumed Current Liabilities Accrued Liabilities Business Combination Recognized Identifiable Assets Acquired And Liabilities Assumed Current Liabilities Accrued Liabilities Accrued liabilities Subsequent Event [Table] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Weighted-Average Exercise Price Per Share Preferred Stock, Shares Authorized Preferred stock, shares authorized Total revenue Revenue from Contract with Customer, Including Assessed Tax Revenue Securities Act File Number Segment Reporting Disclosure [Text Block] Segment Reporting Net increase in cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Earnings Per Share [Abstract] Earnings per share: Finite-Lived Intangible Asset, Expected Amortization, after Year Five 2029 and thereafter Inventory Disclosure [Abstract] Avitide, Flexbiosys and Metenova member. Avitide, Flexbiosys and Metenova [Member] Avitide, Flexbiosys and Metenova Weighted average discount rate. Weighted Average Discount Rate Weighted average discount rate Statement of Financial Position [Abstract] Interest Expense, Operating and Nonoperating Interest Expense, Total Interest expense Operating Income (Loss) Income from operations Accrued Income Taxes, Current Income taxes payable Entity Shell Company Fair Value Measurement Inputs and Valuation Techniques [Table Text Block] Schedule of Contingent Consideration Earnout Expect to be Required to Settle Include Significant Unobservable Inputs Debt Instrument, Interest Rate, Effective Percentage Effective interest rate of the liability component Entity Tax Identification Number Assets [Abstract] ASSETS Construction in Progress, Gross Construction in progress Entity Current Reporting Status Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term Options exercisable at March 31, 2024 Subsequent Events [Abstract] Long-term contingent consideration. Long Term Contingent Consideration Long-term contingent consideration Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Assets, Total Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Assets Net asset acquired Geographical [Domain] Geographical [Domain] Document Fiscal Year Focus Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Inventory Inventory Preferred Stock, Value, Issued Preferred Stock, Value, Issued, Ending Balance Preferred Stock, Value, Issued, Beginning Balance Preferred stock, $0.01 par value, 5,000,000 shares authorized, no shares issued or outstanding Preferred Stock, Value, Issued, Total Forfeited portion of grants Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period Share-based Compensation Arrangement by Share-based Payment Award, Options, Forfeitures and Expirations in Period, Total Forfeited/expired/cancelled Forfeited/expired/cancelled | Shares Purolite [Member] Purolite member. Goodwill And Other Intangible Assets Disclosure [Abstract] Goodwill And Other Intangible Assets Disclosure [Abstract] Goodwill and Other Intangible Assets Total, Amortized Costs Debt Securities, Available-for-Sale, Maturity, Allocated and Single Maturity Date, Amortized Cost Finite-Lived Intangible Assets, Accumulated Amortization Accumulated Amortization Purchase of treasury stock Treasury Stock, Value, Acquired, Cost Method Business Acquisition [Axis] Business Acquisition [Axis] City Area Code Cash and money market funds Cash and Money Market Funds [Member] Cash and money market funds. Liabilities, Current Total current liabilities Derivative Contract [Domain] Percentage of shares subject to forfeiture. Percentage of Shares Subject to Forfeiture Estimated forfeiture rates Monte Carlo Simulation. Monte Carlo Simulation [Member] Monte Carlo Simulation Inventory, Net Inventories, net Total inventories, net Principal Owner [Member] Principal Owner Payments to Acquire Software Additions to capitalized software costs Local Phone Number Preferred Stock, Shares Outstanding Preferred Stock, Shares Outstanding, Ending Balance Preferred Stock, Shares Outstanding, Beginning Balance Preferred stock, shares outstanding Leasehold Improvements, Gross Leasehold improvements Avitide Avitide LLC [Member] Avitide LLC. Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Finite-Lived Intangibles Fair Value Percentage Of Current Federal Tax Expense Benefit Percentage Of Current Federal Tax Expense Benefit Percentage of alternative minimum tax Disclosure Text Block [Abstract] Income Tax Jurisdiction [Axis] Income Tax Authority [Axis] Commitments and Contingencies Disclosure [Abstract] Cash and cash equivalents, Amortized Costs Debt Securities Held to Maturity and Cash and Cash Equivalents Amortized Costs Debt securities held to maturity and cash and cash equivalents amortized costs. Fair Value, by Balance Sheet Grouping [Table] Debt Issuance Costs, Net Debt Issuance Costs, Net, Total Unamortized debt issuance costs Unamortized debt issuance costs Unamortized debt issuance costs Derivative, Fixed Interest Rate Discount Rate Professional Fees Spectrum Acquisition, tax preparation and other fees Operating Lease, Liability, Current Operating lease liability Developed Technology Rights [Member] Technology - developed Developed technology Marketable securities, Estimated Fair Value Available for Sale Securities Estimated Fair Value Available for sale securities estimated fair value. Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Total Foreign currency translation adjustment Income Tax Jurisdiction [Domain] Income Tax Authority [Domain] Metenova AB Metenova AB [Member] Metenova AB. Debt Instrument, Interest Rate, Stated Percentage Notes, interest rate Senior convertible notes Retained Earnings [Member] Retained Earnings Earnings Per Share, Basic [Abstract] Denominator Payments to Acquire Property, Plant, and Equipment Payments to Acquire Property, Plant, and Equipment, Total Purchases of property, plant and equipment Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Receivables Accounts receivable Document Transition Report Increase (Decrease) in Other Operating Assets Increase (Decrease) in Other Operating Assets, Total Other assets Stockholders Equity Note Disclosure [Table] Stockholders Equity Note Disclosure [Table] Stockholders Equity Note Disclosure [Table] Valuation Approach and Technique [Domain] Short-term contingent consideration. Short Term Contingent Consideration Short-term contingent consideration Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Exercised Deferred Income Tax Assets, Net Deferred Income Tax Assets, Net, Total Deferred tax assets Minimum [Member] Minimum Common Stock [Member] Common Stock Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Vested and expected to vest at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Cash and Equivalents Cash and cash equivalents Weighted Average, Unvested at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Weighted Average, Unvested at December 31,2023 Additional Paid-in Capital [Member] Additional Paid-In Capital Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Accounts Payable Accounts payable Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Adjustments to reconcile net income to net cash provided by operating activities: Statement of Income Location, Balance [Domain] Income Statement Location [Domain] Other Assets, Noncurrent Other noncurrent assets Other Assets, Noncurrent, Total Share-based Compensation Arrangement by Share-based Payment Award, Options and Equity Instruments Other Than Options, Nonvested, Number of Shares Share-based Compensation Arrangement by Share-based Payment Award, Options and Equity Instruments Other Than Options, Nonvested, Number of Shares Number of unvested options and restricted stock units Schedule of Inventory, Current [Table Text Block] Inventories Earnout consideration earned. Earnout Consideration Earned Earnout consideration earned Goodwill and Intangible Assets Disclosure [Abstract] Entity Common Stock, Shares Outstanding Debt Instrument, Convertible, Conversion Ratio Notes conversion ratio per $1,000 principal amount Disaggregation of Revenue [Line Items] Disaggregation of Revenue [Line Items] Goodwill, Acquired During Period Acquisition of FlexBiosys, Inc Cash equivalents and marketable securities Cash And Cash Equivalents And Money Market Funds [Member] Cash and cash equivalents And money market funds. Finite-Lived Intangible Asset, Expected Amortization, Year One 2024 (remaining nine months) Reconciliation of Basic and Diluted Shares [Abstract] Reconciliation Of Basic And Diluted Shares Abstract Scenario [Domain] Title and Position [Domain] Relationship to Entity [Domain] Customer Relationships [Member] Customer relationships Business Acquisition, Transaction Costs Transaction costs Common stock, $0.01 par value; 80,000,000 shares authorized; 55,902,860 shares at June 30, 2024 and 55,766,078 shares at December 31, 2023 issued and outstanding Common Stock, Value, Issued Common Stock, Value, Issued, Ending Balance Common Stock, Value, Issued, Beginning Balance Common Stock, Value, Issued, Total Executive Officer [Member] Awards Granted to Executive Level Employees Stock Issued During Period, Value, Conversion of Units Conversion of debt Schedule Of Earnings Per Share Basic And Diluted [Line Items] Schedule Of Earnings Per Share Basic And Diluted [Line Items] Schedule Of Earnings Per Share Basic And Diluted [Line Items] Restricted stock units and performance stock units. Restricted Stock And Performance Stock Units [Member] Restricted Stock Units and Performance Stock Units North America [Member] North America Other Nonoperating Income (Expense) [Abstract] Other income (expenses): Measurement Frequency [Axis] Schedule of Accrued Liabilities [Table Text Block] Accrued liabilities Commitments and contingencies (Note 10) Commitments and Contingencies Issuance of common stock pursuant to contingent consideration earnout payments Stock Issued During Period, Shares,Contingent Consideration Earnout Payments Stock Issued During Period, shares,contingent consideration earnout payments. Denominator for diluted earnings per share - adjusted weighted average shares used in computing earnings per share - diluted Diluted (Note 12) Weighted Average Number of Shares Outstanding, Diluted Diluted Significant Accounting Policies [Text Block] Summary of Significant Accounting Policies Convertible Debt, Noncurrent Convertible Senior Notes due 2028, net Total convertible senior notes Capitalized Computer Software, Gross Computer hardware and software Accounts receivable, net of reserves of $1,823 and $2,122 at June 30, 2024 and December 31, 2023, respectively Accounts Receivable, after Allowance for Credit Loss, Current Accounts Receivable, after Allowance for Credit Loss, Current, Total Accounts receivable, net of reserves Vested and expected to vest at June 30, 2024 | shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Number Increase (Decrease) in Inventories Increase (Decrease) in Inventories, Total Inventories Non-cash inventory write-off NoncashInventoryWrite-off NoncashInventoryWrite-off. Total trade accounts receivable royalties and other receivables. Total Trade Accounts Receivable Royalties And Other Receivables [Member] Total Trade Accounts Receivable Royalties And Other Receivables Weighted Average Number of Shares Outstanding, Diluted [Abstract] Weighted average common shares outstanding: Stockholders Equity Note Disclosure [Line Items] Stockholders Equity Note Disclosure [Line Items] Stockholders Equity Note Disclosure [Line Items] Concentration Risk Benchmark [Domain] Concentration Risk Benchmark [Domain] Rule 10b5-1 Arrangement Modified Rule 10b5 1 Arr Modified Flag Rule 10b5 1 Arr modified flag. Entity Small Business Smaller reporting company Operating Leases, Rent Expense Rental expense Contingent consideration. Contingent Consideration [Member] Contingent Consideration Net Cash Provided by (Used in) Financing Activities [Abstract] Cash flows from financing activities: Options outstanding at June 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price

Stock options, weighted average exercise price Options outstanding at December 31, 2023 Loss on debt conversion. Loss On Debt Conversion Loss on conversion of debt included in other expenses Amortization of Debt Discount (Premium) Amortization of debt discount Amortization of debt discount and issuance costs Intangible Assets, Net (Excluding Goodwill) Intangible assets, net Net Carrying Value Net Carrying Value Marketable securities, Gross Unrealized Gains Available for Sale Securities, Accumulated Gross Unrealized Gain Available for sale securities, accumulated gross unrealized gain. Assets acquired under operating leases Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Subscription transactions. Subscription Transactions [Member] Subscription Transactions Commitments and Contingencies [Line Items] Commitments and Contingencies [Line Items] Commitments and Contingencies [Line Items] Measurement Frequency [Domain] Revenue and volume discount rate. Revenue and Volume Discount Rate Revenue and volume discount rate Nature of Operation, Product Information, Concentration of Risk [Table] Revenue and volume based payments. Revenue and Volume Based Payments [Member] Revenue and Volume Based Payments Fair Value, Inputs, Level 3 [Member] Level 3 Subsequent Event Subsequent Events [Text Block] Option to purchase additional debt face amount. Option to Purchase Additional Debt Face Amount Additional Notes issued Accounts Payable, Current Accounts payable Accounts Payable, Current, Total Costs and Expenses Total costs and operating expenses Liabilities, Fair Value Disclosure, Total Liabilities, Fair Value Disclosure Liabilities, fair value Balance as of December 31, 2020 Balance at March 31 , 2024 Balance at December 31, 2023 Building [Member] Building Accounts Receivable, Allowance for Credit Loss, Current Accounts receivable, reserve for doubtful accounts Risks and Uncertainties [Abstract] Two zero two three Notes. Two Zero Two Three Notes [Member] 2023 Notes Increase (Decrease) in Accrued Liabilities Increase (Decrease) in Accrued Liabilities, Total Accrued expenses Non-Executive [Member] Non-Executive [Member] Awards Granted to Non-Executive Level Employees XML 9 R1.htm IDEA: XBRL DOCUMENT v3.24.2 Cover Page - shares 6 Months Ended Jun. 30, 2024 Jul. 26, 2024 Cover [Abstract] Â Â Amendment Flag false Â Document Type 10-Q Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q2 Â Entity Central Index Key 0000730272 Â Current Fiscal Year End Date --12-31 Â Document Period End Date Jun. 30, 2024 Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Securities Act File Number 000-14656 Â Entity Registrant Name REPLIGEN CORP Â Entity Filer Category Large Accelerated Filer Â Trading Symbol RGEN Â Title of 12(b) Security Common Stock Â Security Exchange Name NASDAQ Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 04-2729386 Â Entity Address, Address Line One 41 Seyon Street, Bldg. 1, Suite 100 Â Entity Address, City or Town Waltham Â Entity Address, State or Province MA Â Entity Address, Postal Zip Code 02453 Â City Area Code 781 Â Entity Shell Company false Â Smaller reporting company false Â Emerging growth company false Â Local Phone Number 250-0111 Â Document Quarterly Report true Â Document Transition Report false Â Entity Common Stock, Shares Outstanding Â 56,006,498 X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration XML 10 R2.htm IDEA: XBRL DOCUMENT v3.24.2 CONDENSED CONSOLIDATED BALANCE SHEETS - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Current assets: Â Â Cash and cash equivalents $ 809,146 $ 751,323 Accounts receivable, net of reserves of $1,823 and $2,122 at June 30, 2024 and December 31, 2023, respectively 123,245 124,161 Inventories, net 190,528 202,321 Assets held for sale 1,016 0 Prepaid expenses and other current assets 34,983 33,238 Total current assets 1,158,918 1,111,043 Property, plant and equipment, net 204,599 207,440 Intangible assets, net 379,813 400,486 Goodwill 985,613 987,120 Deferred tax assets 678 1,530 Operating lease right of use assets 131,450 115,515 Other noncurrent assets 853 1,277 Total noncurrent assets 1,703,006 1,713,368 Total assets 2,861,924 2,824,411 Current liabilities: Â Â Accounts payable 20,910 19,563 Operating lease liability 12,129 5,631 Current contingent consideration 13,936 12,983 Accrued liabilities 57,851 50,533 Convertible Senior Notes due 2024, net 69,481 69,452 Total current liabilities 174,307 158,162 Convertible Senior Notes due 2028, net 517,725 510,143 Deferred tax liabilities 36,305 40,466 Noncurrent operating lease liability 143,518 126,578 Noncurrent contingent consideration 0 14,070 Other noncurrent liabilities 3,707 3,789 Total noncurrent liabilities 701,255 695,046 Total liabilities 875,562 853,208 Commitments and contingencies (Note 10) Stockholders' equity: Â Â Preferred stock, $0.01 par value, 5,000,000 shares authorized, no shares issued or outstanding 0 0 Common stock, $0.01 par value; 80,000,000 shares authorized; 55,902,860 shares at June 30, 2024 and 55,766,078 shares at December 31, 2023 issued and outstanding 559 558 Additional paid-in capital 1,585,782 1,569,227 Accumulated other comprehensive loss (44,243) (37,431) Accumulated earnings 444,264 438,849 Total stockholders' equity 1,986,362 1,971,203 Total liabilities and stockholders' equity $ 2,861,924 $ 2,824,411 X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionValue received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapitalCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI 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Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionSum of the carrying amounts as of the balance sheet date of all assets that are expected to be realized in cash, sold or consumed after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: 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http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10 -SubTopic 20 -Topic 205 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-9Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards 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http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479613/805-30-35-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-25-6 + Details Name: us-gaap_BusinessCombinationContingentConsiderationLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability recognized arising from contingent consideration in a business combination, expected to be settled beyond one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479613/805-30-35-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-25-6 + Details Name: us-gaap_BusinessCombinationContingentConsiderationLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type:

xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount of long-term convertible debt as of the balance sheet date, net of the amount due in the next twelve months or greater than the normal operating cycle, if longer. The debt is convertible into another form of financial instrument, typically the entity's common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of the portion of long-term debt due within one year or the operating cycle if longer identified as Convertible Notes Payable. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after deferred tax asset, of deferred tax liability attributable to taxable differences, with jurisdictional netting, and liabilities classified as noncurrent and other. + ReferencesNo definition available. + Details Name: us-gaap_DeferredTaxAndOtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve

months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B 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Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 22: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 11 R3.htm IDEA: XBRL DOCUMENT v3.24.2 CONDENSED CONSOLIDATED BALANCE SHEETS (Parenthetical) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Accounts receivable, reserve for doubtful accounts $ 1,823 $ 2,122 Preferred stock, par value $ 0.01 $ 0.01 Preferred stock, shares authorized 5,000,000 5,000,000 Preferred stock, shares issued 0 0 Preferred stock, shares outstanding 0 0 Common stock, par value $ 0.01 $ 0.01 Common stock, shares authorized 80,000,000 80,000,000 Common stock, shares issued 55,902,860 55,766,078 Common stock, shares outstanding 55,902,860 55,766,078 X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4 + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant XML 12 R4.htm IDEA: XBRL DOCUMENT v3.24.2 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Revenue: Â Â Â Â Revenue $ 154,073 $ 159,169 $ 305,419 $ 341,829 Costs and operating expenses: Â Â Â Â Cost of goods sold 77,314 79,307 153,705 161,152 Research and development 10,575 9,706 21,813 21,860 Selling, general and administrative 64,697 48,966 126,383 105,136 Contingent consideration 0 1,791 0 3,026 Total costs and operating expenses 152,586 139,770 301,901 291,174 Income from operations 1,487 19,399 3,518 50,655 Other income (expenses): Â Â Â Â Investment income 9,411 5,964 18,404 11,450 Interest expense (4,981) (274) (9,872) (544) Amortization of debt issuance costs (520) (457) (1,003) (914) Other (expenses) income (215) 528 (3,751) 605 Other income, net 3,695 5,761 3,778 10,597 Income before income taxes 5,182 25,160 7,296 61,252 Income tax provision 1,861 5,096 1,881 12,359 Net income $ 3,321 $ 20,064 $ 5,415 $ 48,893 Earnings per share: Â Â Â Â Basic $ 0.06 $ 0.36 $ 0.1 $ 0.88 Diluted (Note 12) $ 0.06 $ 0.35 $ 0.1 $ 0.86 Weighted average common shares outstanding: Â Â Â Â Basic 55,884 55,705 55,838 55,648 Diluted (Note 12) 56,434 56,858 56,477 56,932 Net Income (Loss) $ 3,321 $ 20,064 $ 5,415 $ 48,893 Other comprehensive income (loss): Â Â Â Â Foreign currency translation adjustment (1,531) (6,068) (6,812) (2,795) Comprehensive income (loss) 1,790 13,996 (1,397) 46,098 Product Â Â Â Â Revenue: Â Â Â Â Revenue 154,038 159,133 305,348 341,754 Royalty and other revenue Â Â Â Â Revenue: Â Â Â Â Revenue $ 35 $ 36 $ 71 $ 75 X - DefinitionAmortization of debt issuance cost. + ReferencesNo definition available. + Details Name: rgen_AmortizationOfDebtIssuanceCost Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in the value of a contingent consideration liability, including, but not limited to, differences arising upon settlement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-4 + Details Name: us-gaap_BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationLiability1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTotal costs of sales and operating expenses for the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_CostsAndExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CostsAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40

-Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as operating and nonoperating. Includes, but is not limited to, cost of borrowing accounted for as interest expense. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-24Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483013/835-20-50-1 + Details Name: us-gaap_InterestExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after accretion (amortization) of discount (premium), and investment expense, of interest income and dividend income on nonoperating securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InvestmentIncomeNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15:

http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) related to nonoperating activities, classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherNonoperatingIncomeExpenseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenuesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: srt_ProductOrServiceAxis=us-gaap_ProductMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_RoyaltyMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 13 R5.htm IDEA: XBRL DOCUMENT v3.24.2 CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY - USD ($) $ in Thousands Total Common Stock Additional Paid-In Capital Accumulated Other Comprehensive Loss Retained Earnings FlexBiosys, Inc. FlexBiosys, Inc. Common Stock FlexBiosys, Inc. Additional Paid-In Capital Translation adjustment $ (2,795) Â Â $ (2,795) Â Â Â Â Balance at Dec. 31, 2022 1,910,700 $ 556 $ 1,547,266 (34,394) $ 397,272 Â Â Â Beginning Balance (in shares) at Dec. 31, 2022 Â 55,557,698 Â Â Â Â Â Â Â Net income 48,893 Â Â Â 48,893 Â Â Â Conversion of debt (3) Â (3) Â Â Â Â Â Conversion of debt (in shares) Â 6 Â Â Â Â Â Â Exercise of stock options and vesting of stock units 62 $ 2 60 Â Â Â Â Â Exercise of stock options and vesting of stock units (in shares) Â 176,394 Â Â Â Â Â Â Tax withholding on vesting of restricted stock units (11,140) $ (1) (11,139) Â Â Â Â Â Tax withholding on vesting of restricted stock units (in shares) Â (63,238) Â Â Â Â Â Â Issuance of common stock pursuant to the acquisition Â Â Â Â Â $ 5,243 $ 0 $ 5,243 Issuance of common stock pursuant to the acquisition, (in shares) Â Â Â Â Â Â 31,415 Â Issuance of common stock pursuant to contingent consideration earnout payment 7,229 $ 0 7,229 Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payments Â 42,621 Â Â Â Â Â Â Stock-based compensation expense 12,737 Â 12,737 Â Â Â Â Â Balance at Jun. 30, 2023 1,970,926 $ 557 1,561,393 (37,189) 446,165 Â Â Â Ending Balance (in shares) at Jun. 30, 2023 Â 55,744,896 Â Â Â Â Â Â Â Balance at Mar. 31, 2023 1,940,492 $ 556 1,544,956 (31,121) 426,101 Â Â Â Beginning Balance (in shares) at Mar. 31, 2023 Â 55,644,301 Â Â Â Â Â Â Net income 20,064 Â Â Â 20,064 Â Â Â Conversion of debt (3) $ 0 (3) Â Â Â Â Â Conversion of debt (in shares) Â 6 Â Â Â Â Â Â Exercise of stock options and vesting of stock units 33 $ 1 32 Â Â Â Â Â Exercise of stock options and vesting of stock units (in shares) Â 36,184 Â Â Â Â Â Â Tax withholding on vesting of restricted stock units (1,547) $ 0 (1,547) Â Â Â Â Â Tax withholding on vesting of restricted stock units (in shares) Â (9,631) Â Â Â Â Â Â Issuance of common stock pursuant to the acquisition Â Â Â Â Â $ 5,243 $ 0 $ 5,243 Issuance of common stock pursuant to the acquisition, (in shares) Â Â Â Â Â Â 31,415 Â Issuance of common stock pursuant to contingent

consideration earnout payment 7,229 $ 0 7,229 Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payments Â 42,621 Â Â Â Â Â Â Stock-based compensation expense 5,483 Â 5,483 Â Â Â Â Â Balance at Jun. 30, 2023 1,970,926 $ 557 1,561,393 (37,189) 446,165 Â Â Â Ending Balance (in shares) at Jun. 30, 2023 Â 55,744,896 Â Â Â Â Â Â Translation adjustment (6,068) Â Â (6,068) Â Â Â Â Balance at Dec. 31, 2023 1,971,203 $ 558 1,569,227 (37,431) 438,849 Â Â Â Beginning Balance (in shares) at Dec. 31, 2023 Â 55,766,078 Â Â Â Â Â Â Net income 5,415 Â Â Â 5,415 Â Â Â Conversion of debt (107) $ 0 (107) Â Â Â Â Â Conversion of debt (in shares) Â 2 Â Â Â Â Â Â Exercise of stock options and vesting of stock units 1,788 $ 2 1,786 Â Â Â Â Â Exercise of stock options and vesting of stock units (in shares) Â 152,481 Â Â Â Â Â Â Tax withholding on vesting of restricted stock units (8,857) $ (1) (8,856) Â Â Â Â Â Tax withholding on vesting of restricted stock units (in shares) Â (47,109) Â Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payment 5,742 $ 0 5,742 Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payments Â 31,408 Â Â Â Â Â Â Stock-based compensation expense 17,990 Â 17,990 Â Â Â Â Â Balance at Jun. 30, 2024 1,986,362 $ 559 1,585,782 (44,243) 444,264 Â Â Â Ending Balance (in shares) at Jun. 30, 2024 Â 55,902,860 Â Â Â Â Â Â Translation adjustment (1,531) Â Â (1,531) Â Â Â Â Balance at Mar. 31, 2024 1,970,601 $ 559 1,571,811 (42,712) 440,943 Â Â Â Beginning Balance (in shares) at Mar. 31, 2024 Â 55,841,318 Â Â Â Â Â Â Net income 3,321 Â Â Â 3,321 Â Â Â Conversion of debt (53) $ 0 (53) Â Â Â Â Â Conversion of debt (in shares) Â 2 Â Â Â Â Â Â Exercise of stock options and vesting of stock units 842 $ 0 842 Â Â Â Â Â Exercise of stock options and vesting of stock units (in shares) Â 40,560 Â Â Â Â Â Â Tax withholding on vesting of restricted stock units (1,234) $ 0 (1,234) Â Â Â Â Â Tax withholding on vesting of restricted stock units (in shares) Â (7,658) Â Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payment 5,202 $ 0 5,202 Â Â Â Â Â Issuance of common stock pursuant to contingent consideration earnout payments Â 28,638 Â Â Â Â Â Â Stock-based compensation expense 9,214 Â 9,214 Â Â Â Â Â Balance at Jun. 30, 2024 1,986,362 $ 559 $ 1,585,782 (44,243) $ 444,264 Â Â Â Ending Balance (in shares) at Jun. 30, 2024 Â 55,902,860 Â Â Â Â Â Â Translation adjustment $ (6,812) Â Â $ (6,812) Â Â Â Â X - DefinitionStock Issued During Period, shares,contingent consideration earnout payments. + ReferencesNo definition available. + Details Name: rgen_StockIssuedDuringPeriodSharesContingentConsiderationEarnoutPayments Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionStock issued during period, value,contingent consideration earnout payment + ReferencesNo definition available. + Details Name: rgen_StockIssuedDuringPeriodValueContingentConsiderationEarnoutPayment Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAccumulated adjustment, net of tax, that results from the process of translating subsidiary financial statements and foreign equity investments into the reporting currency from the functional currency of the reporting entity, net of reclassification of realized foreign currency translation gains or losses. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482736/825-10-45-5AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares used to settle grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of stock issued during the period pursuant to acquisitions. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesAcquisitions Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares issued during the period upon the conversion of units. An example of a convertible unit is an umbrella partnership real estate investment trust unit (UPREIT unit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_StockIssuedDuringPeriodSharesConversionOfUnits Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionValue of stock issued pursuant to acquisitions during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -

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An example of a convertible unit is an umbrella partnership real estate investment trust unit (UPREIT unit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueConversionOfUnits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 14 R6.htm IDEA: XBRL DOCUMENT v3.24.2 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS - USD ($) $ in Thousands 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Cash flows from operating activities: Â Â Net income $ 5,415 $ 48,893 Adjustments to reconcile net income to net cash provided by operating activities: Â Â Depreciation and amortization 33,648 31,237 Amortization of debt discount and issuance costs 7,727 914 Stock-based compensation 17,990 12,737 Deferred income taxes, net (2,634) (2,196) Contingent consideration 0 3,026 Non-cash interest income 0 (2,023) Other (172) 574 Changes in operating assets and liabilities, excluding impact of acquisitions: Â Â Accounts receivable (1,245) (4,606) Inventories 10,474 (2,508) Prepaid expenses and other assets (1,999) (11,530) Operating lease right of use assets (16,349) 6,487 Other assets 364 (888) Accounts payable 1,547 (3,871) Accrued expenses 8,366 (26,234) Operating lease Liabilities 23,867 (4,544) Long-term liabilities (101) 154 Total cash provided by operating activities 86,898 45,622 Cash flows from investing activities: Â Â Acquisitions, net of cash acquired 0 (28,099) Proceeds from maturity of marketable securities held to maturity 0 102,323 Additions to capitalized software costs (2,619) (2,075) Purchases of property, plant and equipment (13,154) (16,749) Other investing activities 11 0 Total cash (used in) provided by investing activities (15,762) 55,400 Cash flows from financing activities: Â Â Proceeds from exercise of stock options 1,788 62 Payment of tax withholding obligation on vesting of restricted stock (8,857) (11,140) Payment of earnout consideration (7,375) (7,298) Other financing activities (303) (12) Total cash used in financing activities (14,747) (18,388) Effect of exchange rate changes on cash and cash equivalents 1,434 (2,436) Net increase in cash and cash equivalents 57,823 80,198 Cash, cash equivalents, beginning of period 751,323 523,458 Cash and cash equivalents, end of period 809,146 603,656 Supplemental disclosure of non-cash investing and financing activities: Â Â Assets acquired under operating leases 23,860 831 Fair value of shares of common stock issued for contingent consideration earnouts 5,742 7,229 FlexBiosys, Inc. Â Â Supplemental disclosure of non-cash investing and financing activities: Â Â Fair value of common stock issued for acquisition $ 0 $ 5,243 X - DefinitionFair value of shares of common stock issued for contingent consideration earnouts. + ReferencesNo definition available. + Details Name: rgen_FairValueOfSharesOfCommonStockIssuedForContingentConsiderationEarnouts Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in operating lease right of use asset. + ReferencesNo definition available. + Details Name: rgen_IncreasedecreaseInOperatingLeaseRightOfUseAsset Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNoncash interest income. + ReferencesNo definition available. + Details Name: rgen_NoncashInterestIncome Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of noncash expense included in interest expense to amortize debt discount and premium associated with the related debt instruments. Excludes amortization of financing costs. Alternate captions include noncash interest expense. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3 + Details Name: us-gaap_AmortizationOfDebtDiscountPremium Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in the value of a contingent consideration liability, including, but not limited to, differences arising upon settlement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-4 + Details Name: us-gaap_BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationLiability1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_DeferredIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details

Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in obligation for operating lease. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent operating liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in operating assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherOperatingAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB 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https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards 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-Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherNoncashIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow, not made soon after acquisition date of business combination, to settle contingent consideration liability up to amount recognized at acquisition date, including, but not limited to, measurement period adjustment and less amount paid soon after acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (f) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentForContingentConsiderationLiabilityFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash (inflow) outflow from investing activities classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_PaymentsForProceedsFromOtherInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition from vendors of software programs or applications for internal use (that is, not to be sold, leased or otherwise marketed to others) that qualify for capitalization. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireSoftware Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_ProceedsFromPaymentsForOtherFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from the sale or maturity of long-term held-to-maturity securities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-11Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_ProceedsFromSaleAndMaturityOfHeldToMaturitySecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from exercise of option under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Subparagraph (a) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromStockOptionsExercised

Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe fair value of stock issued in noncash financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_StockIssued1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowElementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 15 R7.htm IDEA: XBRL DOCUMENT v3.24.2 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Parenthetical) - shares 6 Months Ended Apr. 17, 2023 Jun. 30, 2023 FlexBiosys, Inc. Â Â Shares of common stock issued for acquisition 31,415 31,415 X - DefinitionNumber of shares of equity interests issued or issuable to acquire entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1 + Details Name: us-gaap_BusinessAcquisitionEquityInterestsIssuedOrIssuableNumberOfSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 16 R8.htm IDEA: XBRL DOCUMENT v3.24.2 Pay vs Performance Disclosure - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Pay vs Performance Disclosure Â Â Â Â Net Income (Loss) $ 3,321 $ 20,064 $ 5,415 $ 48,893 X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection v -Paragraph 1 + Details Name: ecd_PvpTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 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-Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef 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28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 17 R9.htm IDEA: XBRL DOCUMENT v3.24.2 Insider Trading Arrangements 3 Months Ended Jun. 30, 2024 Trading Arrangements, by Individual Â Material Terms of Trading Arrangement Rule 10b5-1 Trading PlansNone of the Companyâ€™s directors or officers (as defined in Rule 16a-1(f) of the Securities Exchange Act of 1934) adopted, modified, or terminated a Rule 10(b)5-1 trading arrangement during the Companyâ€™s fiscal quarter ended June 30, 2024. Rule 10b5-1 Arrangement Adopted false Rule 10b5-1 Arrangement Terminated false Rule 10b5-1 Arrangement Modified false X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_MtrlTermsOfTrdArrTextBlock Namespace Prefix: ecd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TradingArrByIndTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionRule 10b5 1 Arr modified flag. + ReferencesNo definition available. + Details Name: rgen_Rule10B51ArrModifiedFlag Namespace Prefix: rgen_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration XML 18 R10.htm IDEA: XBRL DOCUMENT v3.24.2 Summary of Significant Accounting Policies 6 Months Ended Jun. 30, 2024 Accounting Policies [Abstract] Â Summary of Significant Accounting Policies 1.Summary of Significant Accounting Policies Basis of PresentationThe condensed consolidated financial statements included herein have been prepared by Repligen Corporation (the â€œCompanyâ€, â€œRepligenâ€, â€œourâ€ or â€œweâ€) in accordance with generally accepted accounting principles accepted in the United States (â€œGAAPâ€) and pursuant to the rules and regulations of the United States Securities and Exchange Commission (â€œSECâ€), for Quarterly Reports on Form 10-Q (â€œForm 10-Qâ€) and Article 10 of Regulation S-X and do not include all of the information and footnote disclosures required by GAAP. These condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and accompanying notes thereto included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which was filed with the SEC on February 22, 2024 (â€œForm 10-Kâ€).The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The business and economic uncertainty resulting from global geopolitical conflicts, supply chain challenges, cost pressure and the overall effects of the current inflationary environment on customers' purchasing patterns has made such estimates more difficult to calculate. Accordingly, actual results could differ from those estimates. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. The Company made no material changes in the application of its significant accounting policies that were disclosed in its Form 10-K. In the opinion of the Company, the accompanying unaudited condensed consolidated financial statements include all adjustments, consisting of only normal, recurring adjustments necessary for a fair presentation of its financial position as of June 30, 2024, its results of operations for the three and six months ended June 30, 2024 and 2023 and cash flows for the six months ended June 30, 2024 and 2023. The results of operations for the interim periods presented are not necessarily indicative of results to be expected for the entire year. Assets Held for SaleAn asset is considered to be held for sale when all the following criteria are met: (i) management commits to a plan to sell the asset; (ii) it is unlikely that the disposal plan will be significantly modified or discontinued; (iii) the asset is available for immediate sale in its present condition; (iv) actions required to complete the sale of the asset have been initiated; (v) sale of the asset is probable and the completed sale is expected to occur within one year; and (vi) the asset is actively being marketed for sale at a price that is reasonable given its current market value. Recent Accounting GuidanceThe Company considers the applicability and impact of all Accounting Standards Updates (â€œASUâ€ or â€œASUsâ€) and other recently issued guidance or rule decisions on their condensed consolidated financial statements. Updates not listed below were assessed and determined to be either not applicable or are expected to have minimal impact on the Companyâ€™s condensed consolidated financial position or results of operations. Recently issued accounting guidance that the Company feels may be applicable to them is as follows:Recently Issued Accounting Guidance â€“ Not Yet AdoptedIn March 2024, the SEC adopted final rules under SEC Release No. 33-11275 requiring public companies to provide certain climate-related information in their registration statements and annual reports. As part of the disclosures, registrants will be required to quantify certain effects of severe weather events and other natural conditions in a note to their audited financial statements. The rules were immediately challenged in a number of lawsuits, which were subsequently consolidated by the U.S. Court of Appeals for the Eighth Circuit. In April 2024, the SEC announced that it is staying implementation of the new rules pending resolution of the consolidated litigation before the Eighth Circuit. The Company is assessing the effect of compliance with the new rules on its condensed consolidated financial statements and related disclosures.In December 2023, the Financial Accounting Standards Board (â€œFASBâ€) issued ASU 2023-09, â€œIncome Taxes (Topic 740) - Improvements to Income Tax Disclosures.â€ ASU 2023-09 enhances the transparency and decision usefulness of income tax disclosures by requiring consistent categories and greater disaggregation of information in the rate reconciliation and income taxes paid disaggregated by jurisdiction. ASU 2023-09 will be effective for the Company in its income tax disclosure included in its 2025 Annual Report on Form 10-K and will be applied on a prospective basis. However, retrospective application is permitted. Early adoption is also permitted. Besides a change in income tax disclosures, the Company does not expect the adoption of ASU 2023-09 to have a material impact on its condensed consolidated financial statements. In November 2023, the FASB issued ASU 2023-07, â€œSegment Reporting (Topic 820) - Improvements to Reportable Segment Disclosures.â€ ASU 2023-07 will improve reportable segment disclosure requirements, primarily through enhanced annual and interim disclosures about significant segment expenses that are regularly provided to the Chief Operating Decision Maker (â€œCODMâ€). The disclosures required under ASU 2023-07 are also required for public entities with a single reportable segment. ASU 2023-07 will be effective for the Company for annual periods beginning on January 1, 2024 and interim periods beginning on January 1, 2025. The amendments of this guidance

apply retrospectively to all prior periods presented in the condensed consolidated financial statements. Early adoption is permitted. Besides presentation in the segment footnote for its interim reporting, the Company does not expect the adoption of ASU 2023-07 to have a material impact on its condensed consolidated financial statements. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for all significant accounting policies of the reporting entity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_SignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 19 R11.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurements 6 Months Ended Jun. 30, 2024 Disclosure Text Block [Abstract] Â Fair Value Measurements 2.Fair Value MeasurementsThe Company uses various valuation approaches in determining the fair value of its assets and liabilities. The Company employs a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that observable inputs be used when available. Observable inputs are inputs that market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Company. Unobservable inputs are inputs that reflect the Companyâ€™s assumptions about the inputs that market participants would use in pricing the asset or liability and are developed based on the best information available in the circumstances. The fair value hierarchy is broken down into three levels based on the source of inputs as follows: Level 1 - Valuations based on unadjusted quoted prices in active markets for identical assets or liabilities that the Company has the ability to access. Â Â Level 2 - Valuations based on quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities. Â Â Level 3 - Valuations based on inputs that are unobservable or significant to the overall fair value measurement. Â Â The availability of observable inputs can vary among the various types of financial assets and liabilities. To the extent that the valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for financial statement disclosure purposes, the level in the fair value hierarchy within which the fair value measurement is categorized is based on the lowest level input that is significant to the overall fair value measurement. Fair Value Measured on a Recurring BasisFinancial assets and financial liabilities measured at fair value on a recurring basis consist of the following as of June 30, 2024 and December 31, 2023 (amounts in thousands):Â Â Â As of June 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Â Â Â Â Â Â Â Â Â Â Â Money market accounts Â $ 735,008 Â Â $ â€” Â Â $ â€” Â Â $ 735,008 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 13,936 Â Â $ 13,936 Â As of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Money market accounts Â $ 658,574 Â Â $ â€” Â Â $ â€” Â Â $ 658,574 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 12,983 Â Â $ 12,983 Â Long-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 14,070 Â Â $ 14,070 Â Cash and cash equivalentsAs of June 30, 2024 and December 31, 2023, cash and cash equivalents on the Company's condensed consolidated balance sheets included $735.0 million and $658.6 million, respectively, in money market accounts. These funds are valued on a recurring basis using Level 1 inputs. Contingent Consideration â€“ EarnoutsAs of June 30, 2024, the maximum amount of future contingent consideration (undiscounted) that we could be required to pay in connection with completed acquisitions is: $125.0 million over a three-year earnout period for Avitide, Inc. (â€œAvitideâ€), which was acquired in September 2021 and for which the earnout periods run from January 1, 2022 through December 31, 2024; $42.0 million over a two-year earnout period for FlexBiosys, Inc. (â€œFlexBiosysâ€), which was acquired in April 2023 and for which the earnout periods run from January 1, 2023 through December 31, 2024; and approximately $10 million over a one-year earnout period for Metenova Holding AB (â€œMetenovaâ€), which was acquired in October 2023 and for which the earnout period runs from January 1, 2024 through December 31, 2024. See Note 3, â€œAcquisitionsâ€ to this report for additional information on the contingent consideration earnouts. Since the date of acquisition, expected results and changes in market inputs used to calculate the discount rate related to Avitide, FlexBiosys and Metenova, have, at times, resulted in changes in amounts reported as the Companyâ€™s contingent consideration obligation. As of June 30, 2024, management assessed the remaining contingent consideration obligation balances and the existing market inputs used and decided that no changes in fair value were required. A reconciliation of the change in the fair value of contingent consideration â€“ earnouts is included in the following table (amounts in thousands):Â Balance at December 31, 2023 Â $ 27,053 Â Payment of contingent consideration earnouts Â Â (13,117) Decrease in fair value of contingent consideration earnouts Â Â â€“ Â Balance at June 30, 2024 Â $ 13,936 Â Â The recurring Level 3 fair value measurement of our contingent consideration obligations for Avitide, FlexBiosys and Metenova include the following significant unobservable inputs (amounts in thousands, except percent data):Â Contingent Consideration Earnout Â Fair Value as ofÂ June 30, 2024 Â Â Valuation Technique Â Unobservable Input Â Range Â Weighted Average(1) Â Â Â Â Â Â Â Â Probability of Â Â Â Â Â Â Â Â Â Â Â Â Success Â 100% Â 100% Commercialization-based payments Â $ Â 9,678 Â Â Monte CarloSimulation Â Earnout Discount Rate Â 5.8%-5.9% Â 5.9% Â Volatility Â 12.5%-24.6% Â 13.9% Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Revenue and Volume-based payments Â $ Â 361 Â Â Monte CarloSimulation Â Revenue & VolumeDiscount Rate Â 2.5%-9.3% Â 5.1% Â Â Â Â Â Â Â Â Â Earnout Discount Rate Â 5.8%-7.2% Â 5.8% Â Â Â Â Â Â Â Â Â Probability ofÂ Success Â 100% Â 100% Manufacturing line expansions Â $ Â 3,897 Â Â Probability-weighted present value Â Earnout Discount Rate Â 6.1%-6.4% Â 6.3% Â (1)Unobservable inputs were weighted by the relative fair value of the contingent consideration liability. Fair Value Measured on a Nonrecurring BasisDuring the three and six months ended June 30, 2024, there were no re-measurements to the fair value of financial assets and liabilities that are measured at fair value on a nonrecurring basis.Convertible Senior NotesIn July 2019, the Company issued $287.5 million aggregate principal amount of 0.375% Convertible Senior Notes due 2024 (the â€œ2019 Notesâ€). Interest is payable semi-annually in arrears on January 15 and July 15 of each year. The 2019 Notes matured on July 15, 2024. At June 30, 2024 and December 31, 2023, respectively, the carrying value of the 2019 Notes was $69.5 million, net of unamortized debt issuance costs and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. On December 14, 2023, the Company issued $600.0 million aggregate principal amount of 1.00% Convertible Senior Notes due 2028 (the â€œ2023 Notesâ€) in a private placement pursuant to separate, privately negotiated exchange and subscription agreements (the â€œExchange and Subscription Agreementsâ€) with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933, as amended (â€œSecurities Actâ€). Pursuant to the Exchange and Subscription Agreements, the Company exchanged $217.7 million of its 2019 Notes for $309.9 million aggregate principal amount of the 2023 Notes (the â€œExchange Transactionâ€) and issued $290.1 million aggregate principal amount of the 2023 Notes (the â€œSubscription Transactionsâ€) for $290.1 million in cash. At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized debt discount and debt issuance cost and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. The fair value of the 2023 Notes and the 2019 Notes is a Level 1 valuation and was determined based on the most recent trade activity of the 2023 Notes and 2019 Notes as of June 30, 2024 and December 31, 2023. The 2023 Notes and 2019 Notes are discussed in more detail in Note 8, â€œConvertible Senior Notes,â€ to these condensed consolidated financial statements. X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 107 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-107Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 940 -SubTopic 820 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478119/940-820-50-1 + Details Name: us-gaap_FairValueDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R12.htm IDEA: XBRL DOCUMENT v3.24.2 Acquisitions 6 Months Ended Jun. 30, 2024 Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Â Acquisitions 3.AcquisitionsMetenova Holding ABOn October 2, 2023, the Company's subsidiary, Repligen Sweden AB, acquired Metenova from the former shareholders of Metenova (the â€œMetenova Sellerâ€) pursuant to a Share Sale and Purchase Agreement (the â€œShare Purchase Agreementâ€), dated as of September 23, 2023 (such acquisition, the â€œMetenova Acquisitionâ€), by and among Repligen Sweden AB, the Metenova Seller, and the Company, in its capacity as guarantor of the obligations of Repligen Sweden AB under the Share Purchase Agreement. Metenova, which is headquartered in Molndal, Sweden, offers magnetic mixing and drive train technologies that are widely used by global biopharmaceutical companies and contract development and manufacturing organizations. The Metenova Acquisition further strengthens our fluid management portfolio with these products.Consideration TransferredThe Company accounted for the Metenova Acquisition as a purchase of business under Accounting Standards Codification (â€œASCâ€) 805, â€œBusiness Combinations,â€ and the Company engaged a third-party valuation firm to assist with the valuation of Metenova. Under the Share Purchase Agreement, all outstanding equity interests of Metenova were acquired for consideration with a value totaling $172.6 million. The Metenova Acquisition was funded through payment of $164.5 million in cash, the issuance of 52,299 unregistered shares of the Company's common stock totaling $8.1 million and contingent consideration with an immaterial fair value. Under the acquisition method of accounting, the assets acquired and liabilities assumed of Metenova were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net liabilities acquired is estimated to be $1.9 million, the fair value of the intangible assets acquired is estimated to be $58.8 million and the residual goodwill is estimated to be $115.7 million. The estimated consideration and preliminary purchase price information has been prepared using a preliminary valuation. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $6.1 million of transaction and integration costs associated with the Metenova Acquisition from the date of acquisition to June 30, 2024, with $1.0 million and $2.6 million of transaction and integration costs incurred during the three and six months ended June 30, 2024, respectively. The transaction costs are included in operating expenses in the condensed consolidated statements of comprehensive income (loss) for the period ended June 30, 2024.Fair Value of Net Assets AcquiredThe preliminary allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date. As of June 30, 2024, the purchase accounting for this acquisition had not been finalized. As additional information becomes available, the Company may further revise its preliminary purchase price allocation during the remainder of the measurement period. During 2024, the Company recorded a net working capital adjustment of $0.1 million related to an inventory adjustment, offset in goodwill, to align the Metenova opening balance sheet. Besides tax implications of the purchase price allocation, the final allocation may result in additional changes to other assets and liabilities. The components and estimated allocation of the purchase price consist of the following (amounts in thousands): Cash and cash equivalents Â $ 5,768 Â Accounts receivable Â Â 3,730 Â Inventory Â Â 4,477 Â Prepaid expenses and other current assets Â Â 470 Â Property and equipment Â Â 433 Â Operating lease right of use asset Â Â 615 Â Customer relationships Â Â 12,659 Â Developed technology Â Â 44,377 Â Trademark and tradename Â Â 939 Â Non-competition agreements Â Â 787 Â Goodwill Â Â 115,722 Â Accounts payable Â Â (1,432) Accrued liabilities Â Â (2,934) Operating lease liability Â Â (275) Noncurrent deferred tax liability Â Â (12,481) Noncurrent operating lease liability Â Â (255) Fair value of net assets acquired Â $ 172,600 Â Â Â Â Â Acquired GoodwillThe goodwill of $115.7 million represents future economic benefits expected to arise from anticipated synergies from the integration of Metenova into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the Metenova Acquisition. Substantially all of the goodwill recorded is expected to be nondeductible for income tax purposes.Â Intangible AssetsThe following table sets forth the components of the identified intangible assets associated with the Metenova Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 15 years Â $ 12,659 Â Developed technology Â 15 years Â Â 44,377 Â Trademark and tradename Â 15 years Â Â 939 Â Non-competition agreements Â 2 years Â Â 787 Â Â Â Â Â $ 58,762 Â FlexBiosys, Inc.On April 17, 2023, the Company completed its acquisition of all of the outstanding equity interests in FlexBiosys, pursuant to an Equity Purchase Agreement (the â€œFlexBiosys Agreementâ€) with FlexBiosys, TSAP Holdings Inc. (â€œNJ Sellerâ€), Gayle Tarry and Stanley Tarry, as individuals (collectively with NJ Seller, the "Sellers"), and Stanley Tarry, in his capacity as the representative of the Sellers (the â€œFlexBiosys Acquisitionâ€). FlexBiosys, which is headquartered in Branchburg, New Jersey, offers expert design and custom manufacturing of single-use bioprocessing products and a comprehensive range of products that include bioprocessing bags, bottles, and tubing assemblies. These products will complement and expand our fluid management portfolio of offerings.Consideration transferredThe FlexBiosys Acquisition was accounted for as a purchase of a business under ASC 805, and the Company engaged a third-party valuation firm to assist with the valuation of FlexBiosys. Under the terms of the FlexBiosys Agreement, all outstanding equity interests of FlexBiosys were acquired for consideration with a value totaling $41.0 million. The FlexBiosys Acquisition was funded through payment of $29.0 million in cash, which includes $6.3 million deposited in escrow for future payments, the issuance of 31,415 unregistered shares of the Company's common stock totaling $5.4 million and contingent consideration with fair value of approximately $6.6 million. Under the acquisition method of accounting, the assets acquired and liabilities assumed of FlexBiosys were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net assets acquired is $14.1 million, the fair value of the intangible assets acquired is $12.6 million and the residual goodwill is $14.3 million. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $1.1 million of transaction and integration costs associated with

the FlexBiosys Acquisition from the date of acquisition to June 30, 2024. There were no transaction and integration costs incurred for the FlexBiosys Acquisition during the three and six months ended June 30, 2024.Fair Value of Net Assets AcquiredThe allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date, based on the final valuation of FlexBiosys. The Company has made appropriate adjustments to purchase price allocation during the measurement period, which ended on April 17, 2024. The purchase price allocation was completed as of March 31, 2024.The components and final allocation of the purchase price consist of the following (amounts in thousands): Cash and cash equivalents Â $ 1,090 Â Accounts receivable Â Â 683 Â Inventory Â Â 667 Â Prepaid expenses and other current assets Â Â 35 Â Property and equipment Â Â 12,034 Â Operating lease right of use asset Â Â 3,537 Â Customer relationships Â Â 2,530 Â Developed technology Â Â 9,860 Â Trademark and tradename Â Â 30 Â Non-competition agreements Â Â 220 Â Goodwill Â Â 14,321 Â Other noncurrent assets Â Â 10 Â Accounts payable Â Â (136) Accrued liabilities Â Â (314) Operating lease liability Â Â (39) Noncurrent operating lease liability Â Â (3,498) Fair value of net assets acquired Â $ 41,030 Â Â Â Â Â Acquired GoodwillThe goodwill of $14.3 million represents future economic benefits expected to arise from anticipated synergies from the integration of FlexBiosys into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the FlexBiosys Acquisition. Substantially all of the goodwill recorded is expected to be deductible for income tax purposes.Intangible AssetsThe following table sets forth the components of the identified intangible assets associated with the FlexBiosys Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 12 years Â $ 2,530 Â Developed technology Â 16 years Â Â 9,860 Â Trademark and tradename Â 4 years Â Â 30 Â Non-competition agreements Â 5 years Â Â 220 Â Â Â Â $ 12,640 Â X - ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationAndAssetAcquisitionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for a business combination (or series of individually immaterial business combinations) completed during the period, including background, timing, and recognized assets and liabilities. The disclosure may include leverage buyout transactions (as applicable). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/805/tableOfContent + Details Name: us-gaap_BusinessCombinationDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R13.htm IDEA: XBRL DOCUMENT v3.24.2 Restructuring Plan 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] Â Restructuring Plan 4.Restructuring PlanIn July 2023, the Board of Directors authorized the Company's management team to undertake restructuring activities to simplify and streamline our organization and strengthen the overall effectiveness of our operations. Since the initial streamlining and re-balancing efforts contemplated in July, the Company continues to undertake further restructuring activities (collectively, the â€œRestructuring Planâ€) which has included consolidating a portion of our manufacturing operations between certain U.S. locations, discontinuing the sale of certain product SKUs, and evaluating the fair value of finished goods and raw materials, mostly secured during the 2020-2022 COVID-19 pandemic period to meet increasing demand during a challenging supply chain environment in the industry. The Company recorded pre-tax restructuring activity of $1.0 million and $2.4 million, respectively, for the three and six months ended June 30, 2024, related to the Restructuring Plan and expects the Restructuring Plan to be completed by the end of the third quarter of 2024. The following table summarizes the charges related to restructuring activities by type of cost:Â Â Â For the Three Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 371 Â Â $ â€” Â Â $ 143 Â Â $ 514 Â Research and development Â Â 284 Â Â Â â€” Â Â Â 284 Â Selling, general and administrative Â Â 157 Â Â Â â€” Â Â Â 17 Â Â Â 174 Â Â Â Â 812 Â Â $ â€” Â Â $ 160 Â Â $ 972 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â For the Six Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 853 Â Â $ 19 Â Â $ 201 Â Â $ 1,073 Â Research and development Â Â 449 Â Â Â â€” Â Â Â 449 Â Selling, general and administrative Â Â 856 Â Â Â â€” Â Â Â 17 Â Â Â 873 Â Â $ 2,158 Â Â $ 19 Â Â $ 218 Â Â $ 2,395 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Severance and employee-related costs under the Restructuring Plan are primarily associated with actual headcount reductions. Costs incurred include cash severance and non-cash severance, including other termination benefits. Severance and other termination benefit packages are based on established benefit arrangements or local statutory requirements and we recognized the contractual component of these benefits when payment was probable and could be reasonably estimated. Non-cash charges for accelerated depreciation were recognized on long-lived assets that were taken out of service before the end of their normal service due to the shutdown of manufacturing facilities and production lines, in which case depreciation estimates were revised to reflect the use of the assets over their shortened useful life. The restructuring accrual is included in accrued liabilities in the condensed consolidated balance sheet as of June 30, 2024 and the balance is expected to be paid by the third quarter of 2024. Activity related to the Restructuring Plan for the six months ended June 30, 2024 was as follows (amounts in thousands):Â Â Â Restructuring LiabilityDecember 31, 2023 Â Â Restructuring Costs Â Â Amounts Paid in 2024 Â Â Noncash Restructuring Items Â Â Restructuring LiabilityJune 30, 2024 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Severance & employee-related costs Â $ 464 Â Â $ 2,158 Â Â $ (1,909) Â $ (74) Â $ 639 Â Accelerated depreciation Â Â â€” Â Â Â 19 Â Â Â â€” Â Â Â (19) Â Â â€” Â Facility and other exit costs Â Â â€” Â Â Â 218 Â Â Â (218) Â Â â€” Â Â Â â€” Â Total Â $ 464 Â Â $ 2,395 Â Â $ (2,127) Â $ (93) Â $ 639 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for restructuring and related activities. Description of restructuring activities such as exit and disposal activities, include facts and circumstances leading to the plan, the expected plan completion date, the major types of costs associated with the plan activities, total expected costs, the accrual balance at the end of the period, and the periods over which the remaining accrual will be settled. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/420/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringAndRelatedActivitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R14.htm IDEA: XBRL DOCUMENT v3.24.2 Revenue Recognition 6 Months Ended Jun. 30, 2024 Accounting Policies [Abstract] Â Revenue Recognition 5.Revenue RecognitionDisaggregation of RevenueRevenues for the three and six months ended June 30, 2024 and 2023 were as follows:Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Product revenue Â $ 154,038 Â Â $ 159,133 Â Â $ 305,348 Â Â $ 341,754 Â Royalty and other income Â Â 35 Â Â Â 36 Â Â Â 71 Â Â Â 75 Â Total revenue Â $ 154,073 Â Â $ 159,169 Â Â $ 305,419 Â Â $ 341,829 Â When disaggregating revenue, the Company considered all of the economic factors that may affect its revenues. Because its revenues are from bioprocessing customers, there are no differences in the nature, timing and uncertainty of the Companyâ€™s revenues and cash flows from any of its product lines. However, given that the Companyâ€™s revenues are generated in different geographic regions, factors such as regulatory, economic and geopolitical developments within those regions could impact the nature, timing and uncertainty of the Companyâ€™s revenues and cash flows. Disaggregated revenue from contracts with customers by geographic region and revenue from significant customers can be found in Note 14, â€œSegment Reporting,â€ included in this report. For more information regarding our product revenue, see Note 7, â€œRevenue Recognitionâ€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Dataâ€ to the Companyâ€™s Form 10-K. Contract Balances from Contracts with CustomersThe following table provides information about receivables and deferred revenue from contracts with customers as of June 30, 2024 and December 31, 2023 (amounts in thousands):Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Balances from contracts with customers only: Â Â Â Â Â Â Accounts receivable Â $ 123,245 Â Â $ 124,161 Â Deferred revenue (included in accrued liabilities andÂ Â Â other noncurrent liabilities in the condensed Â Â Â consolidated balance sheets) Â $ 14,461 Â Â $ 10,755 Â Revenue recognized during periods presented relating to: Â Â Â Â Â Â The beginning deferred revenue balance Â $ 6,818 Â Â $ 18,751 Â Â The timing of revenue recognition, billings and cash collections results in the accounts receivable and deferred revenue balances on the Companyâ€™s condensed consolidated balance sheets. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-15Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 606 -Publisher FASB -URI https://asc.fasb.org/606/tableOfContent + Details Name: us-gaap_RevenueFromContractWithCustomerTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R15.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets 6 Months Ended Jun. 30, 2024 Goodwill And Other Intangible Assets Disclosure [Abstract] Â Goodwill and Intangible Assets 6.Goodwill and Intangible AssetsGoodwillThe following table represents the change in the carrying value of goodwill for the six months ended June 30, 2024 (amounts in thousands):Â Balance at December 31, 2023 Â $ 987,120 Â Measurement period adjustment - Metenova Â Â (56) Cumulative translation adjustment Â Â (1,451) Balance at June 30, 2024 Â $ 985,613 Â The Company has not identified any â€œtriggeringâ€ events which indicate an impairment of goodwill in the three and six months ended June 30, 2024.Intangible assets Indefinite-lived intangible assets are reviewed for impairment at least annually. There has been no impairment of the Companyâ€™s intangible assets for the periods presented. Intangible assets, net, consisted of the following at June 30, 2024: Â Â Â June 30, 2024 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 246,917 Â Â $ (51,796) Â $ 195,121 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 268,683 Â Â Â (92,419) Â Â 176,264 Â Â Â 15 Â Trademarks Â Â 8,698 Â Â Â (2,043) Â Â 6,655 Â Â Â 19 Â Other intangibles Â Â 3,859 Â Â Â (2,786) Â Â 1,073 Â Â Â 3 Â Total finite-lived intangible assets Â Â 528,397 Â Â Â (149,284) Â Â 379,113 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Trademarks Â $ 700 Â Â Â â€” Â Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 529,097 Â Â $ (149,284) Â $ 379,813 Â Â Â Â Â Â Intangible assets, net, consisted of the following at December 31, 2023:Â Â Â December 31, 2023 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 249,594 Â Â $ (44,162) Â $ 205,432 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 269,949 Â Â Â (83,963) Â Â 185,986 Â Â Â 15 Â Trademarks Â Â 8,757 Â Â Â (1,789) Â Â 6,968 Â Â Â 19 Â Other intangibles Â Â 3,914 Â Â Â (2,514) Â Â 1,400 Â Â Â 3 Â Total finite-lived intangible assets Â Â 532,454 Â Â Â (132,668) Â Â 399,786 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Trademarks Â Â 700 Â Â Â â€” Â Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 533,154 Â Â $ (132,668) Â $ 400,486 Â Â Â Â Â Â Amortization expense for finite-lived intangible assets was $8.5 million and $7.5 million for each of the three months ended June 30, 2024 and 2023, respectively, and $17.2 million and $14.9 million for each of the six months ended June 30, 2024 and 2023, respectively. As of June 30, 2024, the Company expects to record the following amortization expense in future periods (amounts in thousands): Â Â Â Estimated Â Â Â Amortization Â For the Years Ended December 31, Â Expense Â 2024 (remaining six months) Â $ 16,882 Â 2025 Â Â 33,608 Â 2026 Â Â 33,270 Â 2027 Â Â 33,236 Â 2028 Â Â 33,137 Â 2029 and thereafter Â Â 228,980 Â Total Â $ 379,113 Â X - DefinitionGoodwill And Other Intangible Assets Disclosure [Abstract] + ReferencesNo definition available. + Details Name: rgen_GoodwillAndOtherIntangibleAssetsDisclosureAbstract Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for goodwill and intangible assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/350-30/tableOfContentReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/350-20/tableOfContent + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R16.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail 6 Months Ended Jun. 30, 2024 Disclosure Text Block [Abstract] Â Consolidated Balance Sheet Detail 7.Consolidated Balance Sheet DetailInventories, netInventories, net consists of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Raw materials Â $ 111,487 Â Â $ 123,598 Â Work-in-process Â Â 5,248 Â Â Â 4,492 Â Finished products Â Â 73,793 Â Â Â 74,231 Â Total inventories, net Â $ 190,528 Â Â $ 202,321 Â Assets held for saleDuring the first quarter of 2024, the Companyâ€™s management decided it would explore a sale of the Companyâ€™s property located at 119 Fredon Springdale Road, Fredon, New Jersey (the â€œBioFlex Propertyâ€) and engaged a broker to assist with the sale process. As of June 30, 2024, the Company continues to conduct a sale process for the BioFlex Property, with the expectation of completing the sale by the end of 2024. As a result of these actions, the sale of the BioFlex Property meets the criteria to be classified as assets held-for-sale pursuant to ASC 360, â€œImpairment and Disposal of Long-Lived Assets.â€ Therefore, the Company recorded $1.0 million in assets held for sale in our condensed consolidated balance sheet as of June 30, 2024. Assets held for sale as of June 30, 2024 (for which there were no comparable amounts as of December 31, 2023) consist of the following (amounts in thousands): Â Â Â June 30, Â Â Â 2024 Â Land Â $ 101 Â Buildings Â Â 915 Â Total assets held for sale Â $ 1,016 Â Property, plant and equipment, netProperty, plant and equipment, net consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Land Â $ 831 Â Â $ 992 Â Buildings Â Â 697 Â Â Â 1,667 Â Leasehold improvements Â Â 128,455 Â Â Â 126,663 Â Equipment Â Â 114,013 Â Â Â 114,606 Â Furniture, fixtures and office equipment Â Â 9,046 Â Â Â 9,077 Â Computer hardware and software Â Â 39,942 Â Â Â 35,528 Â Construction in progress Â Â 54,334 Â Â Â 47,086 Â Other Â Â 501 Â Â Â 544 Â Total property, plant and equipment Â Â 347,819 Â Â Â 336,163 Â Less - Accumulated depreciation Â Â (143,220) Â Â (128,723) Total property, plant and equipment, net Â $ 204,599 Â Â $ 207,440 Â Accrued liabilitiesAccrued liabilities consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Employee compensation Â $ 23,438 Â Â $ 16,660 Â Deferred revenue Â Â 14,001 Â Â Â 10,287 Â Income taxes payable Â Â 573 Â Â Â 6,814 Â Other Â Â 19,839 Â Â Â 16,772 Â Total accrued liabilities Â $ 57,851 Â Â

$ 50,533 Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/210/tableOfContent + Details Name: us-gaap_SupplementalBalanceSheetDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R17.htm IDEA: XBRL DOCUMENT v3.24.2 Convertible Senior Notes 6 Months Ended Jun. 30, 2024 Debt Disclosure [Abstract] Â Convertible Senior Notes 8.Convertible Senior Notes The carrying value of the Company's convertible senior notes is as follows: Â Â Â Â Â Â Â Â Â Â June 30,2024 Â Â December 31,2023 Â Â Â (Amounts in thousands) Â 1.00% Convertible Senior Notes due 2028: Â Â Â Â Â Â Â Â Principal amount Â $ 600,000 Â Â $ 600,000 Â Unamortized debt discount Â Â (74,733) Â Â (81,457) Unamortized debt issuance costs Â Â (7,542) Â Â (8,400) Carrying amount - Convertible Senior Notes due 2028, net Â $ 517,725 Â Â $ 510,143 Â 0.375% Convertible Senior Notes due 2024: Â Â Â Â Â Â Â Principal amount Â $ 69,504 Â Â $ 69,700 Â Unamortized debt issuance costs Â Â (23) Â Â (248) Carrying amount - Convertible Senior Notes due 2024, net Â $ 69,481 Â Â $ 69,452 Â 1.00% Convertible Senior Notes due 2028On December 14, 2023, the Company issued $600.0 million aggregate principal amount of its 2023 Notes in the Exchange and Subscription Agreements with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act. Pursuant to the Exchange and Subscription Agreements and to the Exchange Transaction, the Company issued $290.1 million aggregate principal amount of the 2023 Notes in a private placement to accredited institutional buyers (the â€œSubscription Transactionsâ€) for $290.1 million in cash.The Company evaluated the Exchange Transaction and determined approximately $29.6 million of the $217.7 million principal of the exchanged 2019 Notes should be accounted for as extinguishments of debt and approximately $188.1 million should be accounted for as modification of debt. As a result, the Company recognized a $12.7 million loss on extinguishments of debt in its consolidated statements of comprehensive income (loss) for the year ended December 31, 2023, inclusive of $0.1 million of unamortized debt issuance costs. Under debt modification accounting, the carrying amount of the modified 2019 Notes was reduced by $2.8 million, with a corresponding increase to additional paid-in capital, to account for the increase in the fair value of the embedded conversion option, representing a debt discount of the modified 2019 Notes. The aggregate debt discount of $74.7 million as of June 30, 2024, comprised of $72.2 million increase in principal of the modified 2019 Notes and a $2.5 million increase in the fair value of the embedded conversion option. The aggregate debt discount of $81.5 million as of December 31, 2023, comprised of $78.7 million increase in principal of the modified 2019 Notes and a $2.8 million increase in the fair value of the embedded conversion option. These amounts are presented as a direct reduction from the carrying value of the convertible debt in their respective periods presented in our condensed consolidated balance sheets. This amount is being accreted into interest expense in the condensed consolidated statements of comprehensive income (loss) using the effective interest method over the term of the 2023 Notes.Proceeds from the Subscription Transactions were $276.1 million, net of debt issuance costs of $13.9 million. The Exchange Transaction resulted in $6.2 million of the debt issuance costs related to the modified 2019 Notes, which were expensed as incurred in accordance with debt modification accounting, and $7.7 million of deferred debt issuance costs related to the 2023 Notes, which were recorded as a direct deduction to the carrying value of the 2023 Notes on the Companyâ€™s condensed consolidated balance sheets. The Company is amortizing the $7.7 million of debt issuance costs of the 2023 Notes into amortization of debt issuance costs in the Companyâ€™s condensed consolidated statements of comprehensive income (loss) over the remaining term of the 2023 Notes. The carrying value of the 2023 Notes of $517.7 million and $510.1 million is included in long-term debt on the Company's condensed consolidated balance sheets as of June 30, 2024 and December 31, 2023, respectively.The Company used $14.4 million of the proceeds from the Subscription Transactions to repurchase shares of its common stock from certain purchasers of the 2023 Notes. For more information regarding this repurchase, see Note 12, â€œStockholdersâ€™ Equity - Share Repurchasesâ€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Company's Form 10-K. The Company will also use a portion of the proceeds to finance in part, the settlement upon conversion or repurchase of the remaining 2019 Notes at maturity. See Note 15, â€œSubsequent Events - Maturity of the Remaining 2019 Notesâ€ below for more information on the redemption of the 2019 Notes. The remainder of the proceeds will be used for working capital.The 2023 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 1.00% per year. Interest is payable semi-annually in arrears on each of June 15 and December 15, which commenced on June 15, 2024. The 2023 Notes will mature on December 15, 2028, unless earlier redeemed, repurchased or converted. During the second quarter of 2024, the closing price of the Companyâ€™s common stock did not exceed 130% of the conversion price of the 2023 Notes for more than 20 trading days of the last 30 consecutive trading of the quarter. As a result, the 2023 Notes are not convertible at the option of the holders of the 2023 Notes during the third quarter of 2024, the quarter immediately following the quarter when the conditions are met, as stated in the indenture governing the 2023 Notes. Because the 2023 Notes were not convertible as of June 30, 2024, the Company classifies the carrying value of the 2023 Notes of $517.7 million as noncurrent liabilities on the Companyâ€™s condensed consolidated balance sheet at June 30, 2024. The initial conversion rate for the 2023 Notes is 4.9247 shares of the Companyâ€™s common stock per $1,000 principal amount of 2023 Notes, which is equivalent to an initial conversion price of $203.06 per share and represents a 30% premium over the last reported sale price of $156.20 per share on December 6, 2023, the date on which the 2023 Notes were priced. Prior to the close of business on the business day immediately preceding September 15, 2028, the 2023 Notes will be convertible at the option of the holders of 2023 Notes only upon the satisfaction of the specified conditions mentioned above and during certain quarters commencing after the calendar quarter ending on March 31, 2024, into cash up to their principal amount, and into cash, shares of the Companyâ€™s common stock or a combination thereof, at the Companyâ€™s election, for the conversion value above the principal amount, if any. Thereafter until the close of business on the second scheduled trading day immediately preceding the maturity date, the 2023 Notes will be convertible at the option of the holders of 2023 Notes at any time regardless of these conditions. The Company may redeem for cash, all or a portion of the 2023 Notes, at its option, on or after December 18, 2026 and prior to the 21st scheduled trading day immediately preceding the maturity date at a redemption price of 100% of the principal amount of the 2023 Notes to be redeemed, plus accrued and unpaid interest to, but excluding the redemption date, if certain conditions are met in accordance to the 2023 Notes Indenture. For more information on the 2023 Notes, see Note 14, â€œConvertible Senior Notes,â€ included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Companyâ€™s Form 10-K.The following table sets forth total interest expense recognized related to the 2023 Notes for the three and six months ended June 30, 2024 for which there were no comparable amounts for the same periods of 2023: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2024 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2023 Notes Â $ 1,500 Â Â $ 3,000 Â Amortization of debt discount â€“ 2023 Notes Â Â 3,398 Â Â Â 6,724 Â Amortization of debt issuance costs â€“ 2023 Notes Â Â 408 Â Â Â 815 Â Total Â $ 5,306 Â Â $ 10,539 Â Effective interest rate of the liability component Â Â 4.39 % Â Â 4.39 % At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized discount, and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. The fair value of the 2023 Notes was determined based on the most recent trade activity of the 2023 Notes at June 30, 2024 and December 31, 2023.0.375% Convertible Senior Notes due 2024The Company issued $287.5 million aggregate principal amount of the 2019 Notes on July 19, 2019 in a transaction which included the underwritersâ€™ exercise in full of an option to purchase an additional $37.5 million aggregate principal amount of the 2019 Notes (the â€œNotes Offeringâ€). The net proceeds of the Notes Offering, after deducting underwriting discounts and commissions and other related offering expenses payable by the Company, were approximately $278.5 million. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. The 2019 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 0.375% per year. Interest is payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020. The remaining 2019 Notes matured on July 15, 2024. The initial conversion rate for the 2019 Notes is 8.6749 shares of the Companyâ€™s common stock per $1,000 principal amount of 2019 Notes (which is equivalent to an initial conversion price of approximately $115.28 per share). The 2019 Notes are convertible as of June 30, 2024 at the option of the holders at any time regardless of prior conditions that were in place and were convertible until the close of business on July 11, 2024, the second scheduled trading day immediately preceding the maturity date. The 2019 Notes are not redeemable by the Company prior to maturity. See Note 15, â€œSubsequent Event - Maturity of the Remaining 2019 Notesâ€ below for more information on the July 15, 2024 maturity.As of the date of this filing, excluding the Exchange Transaction mentioned above, the Company has received requests to convert $0.3 million aggregate principal amount of the 2019 Notes and all have been settled as of June 30, 2024. These conversions resulted in the issuance of a nominal number of shares of the Companyâ€™s common stock to the note holders. Because the 2019 Notes matured in July 2024, the Company classified the carrying value of the 2019 Notes as current liabilities on the Companyâ€™s condensed consolidated balance sheets at June 30, 2024. The following table sets forth total interest expense recognized related to the 2019 Notes: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2019 Notes Â $ 65 Â Â $ 269 Â Â $ 130 Â Â $ 539 Â Amortization of debt issuance costs â€“ 2019 Notes Â Â 112 Â Â Â 457 Â Â Â 224 Â Â Â 914 Â Total Â $ 177 Â Â $ 726 Â Â $ 354 Â Â $ 1,453 Â Effective interest rate of the liability component Â Â 1.00 % Â Â 1.00 % Â Â 1.00 % At June 30, 2024 and December 31, 2023, the carrying value of the 2019 Notes was $69.5 million, respectively, net of unamortized discount, and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. The fair value of the 2019 Notes was determined based on the most recent trade activity of the 2019 Notes at June 30, 2024 and December 31, 2023. X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for long-term debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContent + Details Name: us-gaap_LongTermDebtTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R18.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity 6 Months Ended Jun. 30, 2024 Equity [Abstract] Â Stockholders' Equity 9.Stockholdersâ€™ Equity Stock Option and Incentive PlansUnder the Companyâ€™s current 2018 Stock Option and Incentive Plan (the â€œ2018 Planâ€), the number of shares of the Companyâ€™s common stock that were reserved and available for issuance is 2,778,000, plus the number of shares of common stock that were available for issuance under the Companyâ€™s previous equity plans. The shares of common stock underlying any awards under the 2018 Plan and previous equity plans (together, the â€œPlansâ€) that are forfeited, canceled or otherwise terminated (other than by exercise) shall be added back to the shares of stock available for issuance under the 2018 Plan. At June 30, 2024, 1,523,889 shares were available for future grants under the 2018 Plan.Chief Executive Officer Accounting ModificationsOn June 12, 2024, upon approval by the Board, the Company entered into the Fourth Amended and Restated Employment Agreement (the â€œTransition Agreementâ€) with the Company's Chief Executive Officer (â€œCEOâ€), Tony J. Hunt, which amends and restates Mr. Hunt's Third Amended and Restated Employment Agreement with the Company dated as of May 26, 2022. Under the terms of the Transition Agreement, Mr. Hunt will relinquish his position as the Company's CEO effective September 1, 2024 (the â€œTransition Dateâ€) and will transition to a new role as Executive Chair of the Board beginning on the Transition Date (the â€œCEO Transitionâ€). It is anticipated that Mr. Hunt will continue to be involved in the business as the Executive Chair of the Board until March 2026 and will continue to be employed by the Company as an advisor thereafter, until March 2027. Under the terms of the Transition Agreement and the award agreements governing Mr. Huntâ€™s outstanding equity awards, Mr. Huntâ€™s unvested stock awards will continue to vest in accordance with their original terms. Furthermore, on June 28, 2024, the Company entered into an amendment (the â€œ2024 Award Amendmentâ€) to the equity awards granted to Mr. Hunt in 2024, which consisted of a stock option, restricted stock units (â€œRSUsâ€) and performance stock units (â€œPSUsâ€ and together the â€œ2024 Grantsâ€). Pursuant to the terms of the 2024 Award Amendment, two-thirds of the 2024 Grants were forfeited, which equates to 32,776 shares of the Companyâ€™s common stock.Although Mr. Huntâ€™s unvested equity awards continue to vest in accordance with their original terms and there has been no amendment to Mr. Huntâ€™s outstanding equity awards other than the 2024 Award Amendment, the Company determined that under ASC 718, â€œCompensation - Stock Compensationâ€, the CEO Transition represents a significant reduction in Mr. Huntâ€™s operating role with the Company for accounting purposes. This determination resulted in a Type III accounting modification of certain of Mr. Huntâ€™s unvested stock awards (improbable to probable) under ASC 718 (the â€œEquity Modificationâ€) on June 12, 2024. As a result, for accounting purposes only, Mr. Huntâ€™s unvested awards were deemed cancelled and a new grant issued for his unvested shares with the value of these awards recalculated using a price of $136.00 per share, which was the opening stock price of the first day of trading following the public announcement of the CEO Transition. As a result of the Equity Modification, the Company will recognize stock-based compensation expense for the modified awards of $22.4 million over the remaining requisite service period, which the Company determined to be between June 13, 2024 and September 1, 2024 and represents the remaining service period of Mr. Huntâ€™s role as CEO. The Company determined that the PSUs granted to Mr. Hunt in 2022 and 2023 should be accounted for as a Type IV accounting modification (improbable to improbable) in accordance with ASC 718, because vesting conditions before and after June 12, 2024 were improbable of being achieved. As a result of the Equity Modification and the forfeiture of the pro-rata portion of Mr. Huntâ€™s 2024 Grants, the Company recognized $4.4 million of incremental stock-based compensation expense for the three and six months ended June 30, 2024. Stock Issued for Earnout PaymentsIn April 2024, the Company issued 28,638 shares of its common stock to former securityholders of Avitide to satisfy the contingent consideration obligation established under the Agreement and Plan of Merger and Reorganization (the â€œAvitide Agreementâ€) which the Company entered into as part of the acquisition of Avitide in September 2021. In March 2024, the Company issued 2,770 shares of its common stock to former securityholders of FlexBiosys to satisfy the contingent consideration obligation established under the FlexBiosys Agreement, which the Company entered into as part of the acquisition of FlexBiosys in April 2023. See Note 4, â€œAcquisitionsâ€, included in Part II, Item 8, â€œFinancial Statements and Supplementary Data,â€ to the Companyâ€™s Form 10-K for additional information on the acquisitions of Avitide and FlexBiosys and the contingent consideration. The shares issued to FlexBiosys represent 20% of the earnout consideration earned in the First Earnout Year (as defined in the FlexBiosys Agreement) and the shares issued to Avitide represents 50% of the earnout consideration earned in the Second Earnout Year (as defined in the Avitide Agreement).Stock-Based CompensationThe following table presents stock-based compensation expense in the Companyâ€™s condensed consolidated statements of comprehensive income (loss): Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 498 Â Â $ 522 Â Â $ 1,102 Â Â $ 1,113 Â Research and development Â Â 503 Â Â Â 608 Â Â Â 1,447 Â Â Â 1,395 Â Selling, general and administrative(1) Â Â 8,213 Â Â Â 4,353 Â Â Â 15,441 Â Â Â 10,229 Â Total stock-based compensation Â $ 9,214 Â Â $ 5,483 Â Â $ 17,990 Â Â $ 12,737 Â Â Â Â Â Â Â Â Â Â

vesting period based on the probability that the performance metrics will be achieved. Information regarding stock unit activity, which includes activity for restricted stock units and performance stock units, for the six months ended June 30, 2024 under the Plans is summarized below:Â Â Â Shares Â Â Weighted AverageGrant DateFair Value Â Â Unvested at December 31, 2023 Â Â 474,320 Â Â $ 155.59 Â Â Awarded Â Â 178,252 Â Â $ 188.57 Â Â Vested Â Â (125,820) Â $ 143.87 Â Â Forfeited/cancelled(1) Â Â (69,442) Â $ 189.15 Â Â Unvested at June 30, 2024 Â Â 457,310 Â Â $ 166.59 Â Â Vested and expected to vest at June 30, 2024(2) Â Â 397,312 Â Â $ 164.77 Â Â Â (1)Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under â€Chief Executive Officer Accounting Modificationsâ€.(2)Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. The aggregate intrinsic value of stock units vested during the six months ended June 30, 2024 and 2023 was $23.5 million and $29.6 million, respectively. The weighted average grant date fair value of stock units granted during the six months ended June 30, 2024 and 2023 was $188.57 and $176.86, respectively. As of June 30, 2024, there was $73.3 million of total unrecognized compensation cost related to unvested share-based awards. This cost is expected to be recognized over a weighted average remaining requisite service period of 2.59 years. The Company expects 2,267,696 unvested options and stock units to vest over the next five years. X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-6Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(e)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/505/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (g) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147481112/505-10-50-16Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18 + Details Name: us-gaap_StockholdersEquityNoteDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R19.htm IDEA: XBRL DOCUMENT v3.24.2 Commitments and Contingencies 6 Months Ended Jun. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Commitments and Contingencies 10.Commitments and Contingencies Collaboration AgreementsThe Company licenses certain technologies that are, or may be, incorporated into its technology under several agreements and also has entered into several clinical research agreements that require the Company to fund certain research projects. Generally, the license agreements require the Company to pay annual maintenance fees and royalties on product sales once a product has been established using the technologies. Research and development expenses associated with license agreements were immaterial amounts for the three and six months ended June 30, 2024 and 2023. In June 2018, the Company secured an agreement with Navigo Proteins GmbH (â€œNavigoâ€) for the exclusive co-development of multiple affinity ligands for which the Company holds commercialization rights. The Company is manufacturing and supplying the first of these ligands, NGL-ImpactÂ®, exclusively to Purolite Life Sciences, an Ecolab Inc. company (â€œPuroliteâ€), who is pairing the Companyâ€™s high-performance ligand with Puroliteâ€™s agarose jetting base bead technology used in their Jetted A50 Protein A resin product. The Company also signed a long-term supply agreement with Purolite for NGL-Impact and other potential additional affinity ligands that may advance from the Companyâ€™s Navigo collaboration. In September 2020, the Company and Navigo successfully completed co-development of an affinity ligand targeting the SARS-CoV-2 spike protein, that was used in the purification of vaccines for the COVID-19 pandemic, including emerging variants of the SARS-CoV-2 coronavirus. The Company has proceeded with scaling up and manufacturing this ligand and the development and validation of the related affinity chromatography resin, which is marketed by the Company. In September 2021, the Company and Navigo successfully completed co-development of a novel affinity ligand that addresses aggregation issues associated with pH sensitive antibodies and Fc-fusion proteins. The Company is manufacturing and supplying this ligand, NGL-ImpactÂ® HipH, to Purolite. The Navigo and Purolite agreements are supportive of the Companyâ€™s strategy to secure and reinforce the Companyâ€™s proteins business. The Company made royalty payments to Navigo of $0.9 million and $1.2 million for the three months ended June 30, 2024 and 2023, respectively, and payments of $1.7 million and $2.3 million for the six months ended June 30, 2024 and 2023, respectively.Legal ProceedingsFrom time to time, in the normal course of its operations, the Company is subject to litigation matters and claims relating to employee relations, business practices and patent infringement. Litigation can be expensive and disruptive to normal business operations. Moreover, the results of complex legal proceedings are difficult to predict, and the Company's view of these matters may change in the future as the litigation and events related thereto unfold. The Company expenses legal fees as incurred. The Company records a provision for contingent losses when it is both probably that a liability has been incurred and the amount of the loss can be reasonably estimated. An unfavorable outcome to any legal matter, if material, could have an adverse effect on the Company's operations or its financial results. X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 28 R20.htm IDEA: XBRL DOCUMENT v3.24.2 Income Taxes 6 Months Ended Jun. 30, 2024 Income Tax Disclosure [Abstract] Â Income Taxes 11.Income TaxesFor the three and six months ended June 30, 2024, the Company recorded an income tax provision of $1.9 million for each respective period. The Companyâ€™s effective tax rate for the three and six months ended June 30, 2024 was 35.9% and 25.8%, respectively, compared to 20.3% and 20.2% for the corresponding periods in the prior year.In 2021, the Organization of Economic Co-operation and Development announced an Inclusive Framework on Base Erosion and Profit Sharing with the goal of achieving consensus around substantial changes to international tax policies, including the implementation of a minimum global effective tax rate of 15%. The Company continues to evaluate the impacts of enacted legislation and pending legislation in the tax jurisdictions in which the Company operates. While various countries have implemented the legislature as of January 1, 2024, the Company does not expect a resulting material impact to its income tax provision for the 2024 fiscal year. X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R21.htm IDEA: XBRL DOCUMENT v3.24.2 Earnings Per Share 6 Months Ended Jun. 30, 2024 Earnings Per Share, Basic [Abstract] Â Earnings Per Share 12.Earnings Per ShareA reconciliation of basic and diluted weighted average shares outstanding is as follows: Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except per share data) Â Numerator: Â Â Â Â Â Â Â Â Â Â Â Â Net income Â $ 3,321 Â Â $ 20,064 Â Â $ 5,415 Â Â $ 48,893 Â Â Â Â Â Â Â Â Â Â Â Â Â Denominator: Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares used in computing net income per share - basic Â Â 55,884 Â Â Â 55,705 Â Â Â 55,838 Â Â Â 55,648 Â Effect of dilutive shares: Â Â Â Â Â Â Â Â Â Â Â Â Options and stock units Â Â 391 Â Â Â 451 Â Â Â 437 Â Â Â 487 Â Convertible senior notes(1) Â Â 159 Â Â Â 701 Â Â Â 202 Â Â Â 797 Â Dilutive effect of unvested performance stock units Â Â â€” Â Â Â 1 Â Â Â â€” Â Â Â 1 Â Dilutive potential common shares Â Â 550 Â Â Â 1,153 Â Â Â 639 Â Â Â 1,284 Â Denominator for diluted earnings per share - adjustedÂ Â Â Â Â weighted average shares used in computingÂ Â Â Â Â earnings per share - diluted Â Â 56,434 Â Â Â 56,858 Â Â Â 56,477 Â Â Â 56,932 Â Â Â Â Â Â Â Â Â Â Â Â Earnings per share: Â Â Â Â Â Â Â Â Â Â Â Â Basic Â $ 0.06 Â Â $ 0.36 Â Â $ 0.10 Â Â $ 0.88 Â Diluted Â $ 0.06 Â Â $ 0.35 Â Â $ 0.10 Â Â $ 0.86 Â (1)Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information.For the three and six months ended June 30, 2024, 479,482 shares and 358,633 shares, respectively, of the Companyâ€™s common stock were excluded from the calculation of diluted earnings per share because the exercise prices of the stock options were greater than or equal to the average price of the common shares and were therefore anti-dilutive. Comparatively, for the three and six months ended June 30, 2023, 456,315 shares and 400,909 shares, respectively, were considered anti-dilutive.In July 2019, the Company issued $287.5 million aggregate principal amount of its 2019 Notes. As provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, upon conversion of the 2019 Notes, the Company will use a combination of cash and shares of the Company's common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. On December 14, 2023, the Company exchanged, in a privately negotiated exchange, $309.9 million principal amount of 2023 Notes for $217.7 million principal amount of 2019 Notes and issued $290.1 million aggregate principal amount of 2023 Notes for $290.1 million in cash. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023 with terms unchanged. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. As mentioned above and as provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, the Company irrevocably elected to settle the conversion obligation for the 2019 Notes in a combination of cash and shares of the Companyâ€™s common stock. This means the Company will settle the par value of the 2019 Notes in cash and any excess conversion premium in shares. The Company is required to reflect the dilutive effect of the convertible securities by application of the â€œif-convertedâ€ method, which means the denominator of the EPS calculation would include the total number of shares assuming the 2019 Notes had been fully converted at the beginning of the period. Accordingly, the par value of the 2019 Notes was not included in the calculation of diluted earnings per share, but the dilutive effect of the conversion premium was considered in the calculation of diluted earnings per share using the treasury stock method. The dilutive impact of the 2019 Notes was based on the difference between the Companyâ€™s current period average stock price and the conversion price of the 2019 Notes, provided there was a premium. For the three and six months ended June 30, 2024, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 159,494 shares and 201,917 shares, respectively. For the three and six months ended June 30, 2023, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 700,941 shares and 796,601 shares, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType

Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R22.htm IDEA: XBRL DOCUMENT v3.24.2 Related Party Transactions 6 Months Ended Jun. 30, 2024 Related Party Transactions [Abstract] Â Related Party Transactions 13.Related Party TransactionsCertain facilities leased by our subsidiary, Spectrum LifeSciences LLC (â€œSpectrumâ€) are owned by the Roy Eddleman Living Trust (the â€œTrustâ€). As of June 30, 2024, the Trust owned greater than 5% of the Companyâ€™s outstanding shares. Therefore, the Company considers the Trust to be a related party. The lease amounts paid to the Trust were negotiated in connection with the acquisition of Spectrum. The Company incurred rent expense totaling $0.2 million for each of the three months ended June 30, 2024 and 2023 related to these leases and incurred $0.4 million for each of the six months ended June 30, 2024 and 2023. X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1 + Details Name: us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R23.htm IDEA: XBRL DOCUMENT v3.24.2 Segment Reporting 6 Months Ended Jun. 30, 2024 Segment Reporting [Abstract] Â Segment Reporting 14.Segment Reporting Operating segments are components of an enterprise that engage in business activities for which discrete financial information is available and regularly reviewed by the CODM in deciding how to allocate resources and assess performance. Our CEO has been identified as the CODM. The Company views its operations, makes decisions regarding how to allocate resources and manages its business as one operating segment and one reportable segment. Our CODM evaluates financial information on a consolidated basis. As a result, the required financial segment information can be found in the condensed consolidated financial statements of the Company disclosed herein. The following table represents the Companyâ€™s total revenue by customersâ€™ geographic locations: Â Â Three Months Ended Â Â Six Months Ended Â Â Â June 30, Â Â June 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Revenue by customers' geographic locations: Â Â Â Â Â Â Â Â Â Â Â Â North America Â Â 50 % Â Â 46 % Â Â 50 % Â Â 42 % Europe Â Â 36 % Â Â 36 % Â Â 34 % Â Â 37 % APAC/Other Â Â 14 % Â Â 18 % Â Â 16 % Â Â 21 % Total revenue Â Â 100 % Â Â 100 % Â Â 100 % Â Â 100 % Concentrations of Credit Risk and Significant Customers Financial instruments that subject the Company to significant concentrations of credit risk primarily consist of cash and cash equivalents and accounts receivable. Per the Companyâ€™s investment policy, cash equivalents and marketable securities are invested in financial instruments with high credit ratings, and credit exposure to any one issue, issuer (with the exception of U.S. Treasury obligations) and type of instrument is limited. At June 30, 2024 and December 31, 2023, the Company had no investments associated with foreign exchange contracts, options contracts or other foreign hedging arrangements.Concentration of credit risk with respect to accounts receivable is limited to customers to whom the Company makes significant sales. While a reserve for the potential write-off of accounts receivable is maintained, the Company has not written off any significant accounts to date. To control credit risk, the Company performs regular credit evaluations of its customersâ€™ financial condition.There was no revenue from customers that represented 10% or more of the Company's total revenue for the three and six months ended June 30, 2024. Significant accounts receivable balances representing 10% or more of the Companyâ€™s total trade accounts receivable balances at June 30, 2024 came from our accounts receivable balance outstanding with Novo Nordisk A/S, which was 11.6% of the Companyâ€™s total trade accounts receivable balance. No accounts receivable balance from a specific customer represented 10% or more of the Company's total trade accounts receivable at December 31, 2023. X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 10: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 34 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-34Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-15Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/280/tableOfContentReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R24.htm IDEA: XBRL DOCUMENT v3.24.2 Subsequent Event 6 Months Ended Jun. 30, 2024 Subsequent Events [Abstract] Â Subsequent Event 15.Subsequent EventsMaturity of the Remaining 2019 NotesAs discussed in Note 8, â€œConvertible Senior Notesâ€ above, the remaining 2019 Notes matured and were paid off in full on July 15, 2024. The Company used net proceeds from the Exchange Transaction to fund the repayment of the 2019 Notes at maturity and to pay accrued and unpaid interest with respect to such notes. The Company irrevocably elected to settle the conversion of the 2019 Notes using a combination of cash and the Companyâ€™s common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. In connection with the conversion, the Company paid $69.6 million in cash, which included principal and accrued interest, and issued 100,942 shares of the Companyâ€™s common stock representing the conversion premium. Pending Acquisition of Tantti Laboratory Inc.On July 29, 2024, the Company announced that it entered into a definitive agreement to acquire privately-held Tantti Laboratory Inc. (â€œTanttiâ€). Tantti, which is headquartered in Taoyuan City, Taiwan, is expected to accelerate the Companyâ€™s expansion into new modality markets with unique, scalable purification solutions for large molecule biologics.The Company expects the acquisition of Tantti to be completed in the fourth quarter of 2024 subject to the satisfaction of customary closing conditions, including clearance through the Taiwanese regulatory channel. X - ReferencesNo definition available. + Details Name: us-gaap_SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R25.htm IDEA: XBRL DOCUMENT v3.24.2 Summary of Significant Accounting Policies (Policies) 6 Months Ended Jun. 30, 2024 Accounting Policies [Abstract] Â Basis of presentation Basis of PresentationThe condensed consolidated financial statements included herein have been prepared by Repligen Corporation (the â€œCompanyâ€, â€œRepligenâ€, â€œourâ€ or â€œweâ€) in accordance with generally accepted accounting principles accepted in the United States (â€œGAAPâ€) and pursuant to the rules and regulations of the United States Securities and Exchange Commission (â€œSECâ€), for Quarterly Reports on Form 10-Q (â€œForm 10-Qâ€) and Article 10 of Regulation S-X and do not include all of the information and footnote disclosures required by GAAP. These condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and accompanying notes thereto included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which was filed with the SEC on February 22, 2024 (â€œForm 10-Kâ€).The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The business and economic uncertainty resulting from global geopolitical conflicts, supply chain challenges, cost pressure and the overall effects of the current inflationary environment on customers' purchasing patterns has made such estimates more difficult to calculate. Accordingly, actual results could differ from those estimates. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. The Company made no material changes in the application of its significant accounting policies that were disclosed in its Form 10-K. In the opinion of the Company, the accompanying unaudited condensed consolidated financial statements include all adjustments, consisting of only normal, recurring adjustments necessary for a fair presentation of its financial position as of June 30, 2024, its results of operations for the three and six months ended June 30, 2024 and 2023 and cash flows for the six months ended June 30, 2024 and 2023. The results of operations for the interim periods presented are not necessarily indicative of results to be expected for the entire year. Assets Held for Sale Assets Held for SaleAn asset is considered to be held for sale when all the following criteria are met: (i) management commits to a plan to sell the asset; (ii) it is unlikely that the disposal plan will be significantly modified or discontinued; (iii) the asset is available for immediate sale in its present condition; (iv) actions required to complete the sale of the asset have been initiated; (v) sale of the asset is probable and the completed sale is expected to occur within one year; and (vi) the asset is actively being marketed for sale at a price that is reasonable given its current market value. Recent Accounting Guidance Recent Accounting GuidanceThe Company

considers the applicability and impact of all Accounting Standards Updates (â€œASUâ€ or â€œASUsâ€) and other recently issued guidance or rule decisions on their condensed consolidated financial statements. Updates not listed below were assessed and determined to be either not applicable or are expected to have minimal impact on the Companyâ€™s condensed consolidated financial position or results of operations. Recently issued accounting guidance that the Company feels may be applicable to them is as follows:Recently Issued Accounting Guidance â€“ Not Yet AdoptedIn March 2024, the SEC adopted final rules under SEC Release No. 33-11275 requiring public companies to provide certain climate-related information in their registration statements and annual reports. As part of the disclosures, registrants will be required to quantify certain effects of severe weather events and other natural conditions in a note to their audited financial statements. The rules were immediately challenged in a number of lawsuits, which were subsequently consolidated by the U.S. Court of Appeals for the Eighth Circuit. In April 2024, the SEC announced that it is staying implementation of the new rules pending resolution of the consolidated litigation before the Eighth Circuit. The Company is assessing the effect of compliance with the new rules on its condensed consolidated financial statements and related disclosures.In December 2023, the Financial Accounting Standards Board (â€œFASBâ€) issued ASU 2023-09, â€œIncome Taxes (Topic 740) - Improvements to Income Tax Disclosures.â€ ASU 2023-09 enhances the transparency and decision usefulness of income tax disclosures by requiring consistent categories and greater disaggregation of information in the rate reconciliation and income taxes paid disaggregated by jurisdiction. ASU 2023-09 will be effective for the Company in its income tax disclosure included in its 2025 Annual Report on Form 10-K and will be applied on a prospective basis. However, retrospective application is permitted. Early adoption is also permitted. Besides a change in income tax disclosures, the Company does not expect the adoption of ASU 2023-09 to have a material impact on its condensed consolidated financial statements. In November 2023, the FASB issued ASU 2023-07, â€œSegment Reporting (Topic 820) - Improvements to Reportable Segment Disclosures.â€ ASU 2023-07 will improve reportable segment disclosure requirements, primarily through enhanced annual and interim disclosures about significant segment expenses that are regularly provided to the Chief Operating Decision Maker (â€œCODMâ€). The disclosures required under ASU 2023-07 are also required for public entities with a single reportable segment. ASU 2023-07 will be effective for the Company for annual periods beginning on January 1, 2024 and interim periods beginning on January 1, 2025. The amendments of this guidance apply retrospectively to all prior periods presented in the condensed consolidated financial statements. Early adoption is permitted. Besides presentation in the segment footnote for its interim reporting, the Company does not expect the adoption of ASU 2023-07 to have a material impact on its condensed consolidated financial statements. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for real estate held for development or sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 35 -Paragraph 3 -SubTopic 360 -Topic 970 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479166/970-360-35-3 + Details Name: us-gaap_RealEstateHeldForDevelopmentAndSalePolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R26.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurements (Tables) 6 Months Ended Jun. 30, 2024 Fair Value Disclosures [Abstract] Â Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis Financial assets and financial liabilities measured at fair value on a recurring basis consist of the following as of June 30, 2024 and December 31, 2023 (amounts in thousands):Â Â Â As of June 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Â Â Â Â Â Â Â Â Â Â Â Money market accounts Â $ 735,008 Â Â $ â€” Â Â $ â€” Â Â $ 735,008 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 13,936 Â Â $ 13,936 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â As of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Assets: Â Â Â Â Â Â Â Â Â Â Â Â Money market accounts Â $ 658,574 Â Â $ â€” Â Â $ â€” Â Â $ 658,574 Â Liabilities: Â Â Â Â Â Â Â Â Â Â Â Â Short-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 12,983 Â Â $ 12,983 Â Long-term contingent consideration Â $ â€” Â Â $ â€” Â Â $ 14,070 Â Â $ 14,070 Â Schedule of Reconciliation of the Change in the Fair Value of Contingent Consideration - Earnout A reconciliation of the change in the fair value of contingent consideration â€” earnouts is included in the following table (amounts in thousands):Â Balance at December 31, 2023 Â $ 27,053 Â Payment of contingent consideration earnouts Â Â (13,117) Decrease in fair value of contingent consideration earnouts Â Â â€” Â Balance at June 30, 2024 Â $ 13,936 Â Â Schedule of Contingent Consideration Earnout Expect to be Required to Settle Include Significant Unobservable Inputs The recurring Level 3 fair value measurement of our contingent consideration obligations for Avitide, FlexBiosys and Metenova include the following significant unobservable inputs (amounts in thousands, except percent data):Â Contingent Consideration Earnout Â Fair Value as ofÂ June 30, 2024 Â Â Valuation Technique Â Unobservable Input Â Range Â Weighted Average(1) Â Â Â Â Â Â Â Â Probability of Â Â Â Â Â Â Â Â Â Â Â Â Success Â 100% Â 100% Commercialization-based payments Â $ Â 9,678 Â Â Monte CarloSimulation Â Earnout Discount Rate Â 5.8%-5.9% Â 5.9% Â Volatility Â 12.5%-24.6% Â 13.9% Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Revenue and Volume-based payments Â $ Â 361 Â Â Monte CarloSimulation Â Revenue & VolumeDiscount Rate Â 2.5%-9.3% Â 5.1% Â Â Â Â Â Â Â Â Earnout Discount Rate Â 5.8%-7.2% Â 5.8% Â Â Â Â Â Â Â Â Â Probability ofÂ Success Â 100% Â 100% Manufacturing line expansions Â $ Â 3,897 Â Â Probability-weighted present value Â Earnout Discount Rate Â 6.1%-6.4% Â 6.3% Â Unobservable inputs were weighted by the relative fair value of the contingent consideration liability. X - DefinitionTabular disclosure of input and valuation technique used to measure fair value and change in valuation approach and technique for each separate class of asset and liability measured on recurring and nonrecurring basis. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the fair value measurement of liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R27.htm IDEA: XBRL DOCUMENT v3.24.2 Acquisitions (Tables) 6 Months Ended Jun. 30, 2024 FlexBiosys Â Business Acquisition [Line Items] Â Schedule of Recognized Identified Assets Acquired and Liabilities Assumed The components and final allocation of the purchase price consist of the following (amounts in thousands): Cash and cash equivalents Â $ 1,090 Â Accounts receivable Â Â 683 Â Inventory Â Â 667 Â Prepaid expenses and other current assets Â Â 35 Â Property and equipment Â Â 12,034 Â Operating lease right of use asset Â Â 3,537 Â Customer relationships Â Â 2,530 Â Developed technology Â Â 9,860 Â Trademark and tradename Â Â 30 Â Non-competition agreements Â Â 220 Â Goodwill Â Â 14,321 Â Other noncurrent assets Â Â 10 Â Accounts payable Â Â (136) Accrued liabilities Â Â (314) Operating lease liability Â Â (39) Noncurrent operating lease liability Â Â (3,498) Fair value of net assets acquired Â $ 41,030 Â Â Â Â Â Schedule of Identified Intangible Assets and Estimated Useful Lives The following table sets forth the components of the identified intangible assets associated with the FlexBiosys Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 12 years Â $ 2,530 Â Developed technology Â 16 years Â Â 9,860 Â Trademark and tradename Â 4 years Â Â 30 Â Non-competition agreements Â 5 years Â Â 220 Â Â Â Â $ 12,640 Â Metenova Holding AB Â Business Acquisition [Line Items] Â Schedule of Recognized Identified Assets Acquired and Liabilities Assumed The components and estimated allocation of the purchase price consist of the following (amounts in thousands): Cash and cash equivalents Â $ 5,768 Â Accounts receivable Â Â 3,730 Â Inventory Â Â 4,477 Â Prepaid expenses and other current assets Â Â 470 Â Property and equipment Â Â 433 Â Operating lease right of use asset Â Â 615 Â Customer relationships Â Â 12,659 Â Developed technology Â Â 44,377 Â Trademark and tradename Â Â 939 Â Non-competition agreements Â Â 787 Â Goodwill Â Â 115,722 Â Accounts payable Â Â (1,432) Accrued liabilities Â Â (2,934) Operating lease liability Â Â (275) Noncurrent deferred tax liability Â Â (12,481) Noncurrent operating lease liability Â Â (255) Fair value of net assets acquired Â $ 172,600 Â Â Â Â Â Schedule of Identified Intangible Assets and Estimated Useful Lives The following table sets forth the components of the identified intangible assets associated with the Metenova Acquisition and their estimated useful lives: Â Â Useful life Â Fair Value Â Â Â Â Â (Amounts in thousands) Â Â Â Â Â Â Customer relationships Â 15 years Â $ 12,659 Â Developed technology Â 15 years Â Â 44,377 Â Trademark and tradename Â 15 years Â Â 939 Â Non-competition agreements Â 2 years Â Â 787 Â Â Â Â Â $ 58,762 Â X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of finite-lived intangible assets acquired as part of a business combination or through an asset purchase, by major class and in total, including the value of the asset acquired, any significant residual value (the expected value of the asset at the end of its useful life) and the weighted-average amortization period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 350 -SubTopic 30 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1 + Details Name: us-gaap_ScheduleOfFiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the amounts recognized as of the acquisition date for each major class of assets acquired and liabilities assumed. May include but not limited to the following: (a) acquired receivables; (b) contingencies recognized at the acquisition date; and (c) the fair value of noncontrolling interests in the acquiree. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Paragraph 1 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 36 R28.htm IDEA: XBRL DOCUMENT v3.24.2 Restructuring Plan (Tables) 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] Â Summary of Restructuring Activities by Type of Cost The following table summarizes the charges related to restructuring activities by type of cost:Â Â Â For the Three Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 371 Â Â $ â€” Â Â $ 143 Â Â $ 514 Â Research and development Â Â 284 Â Â Â â€” Â Â Â 284 Â Selling, general and administrative Â Â 157 Â Â Â â€” Â Â Â 17 Â Â Â 174 Â Â Â $ 812 Â Â $ â€” Â Â $ 160 Â Â $ 972 Â For the Six Months Ended June 30, 2024 Â Â Â Severance & Employee-Related Costs Â Â Accelerated Depreciation Â Â Facility and Other Exit Costs Â Â Total Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 853 Â Â $ 19 Â Â $ 201 Â Â $ 1,073 Â Research and development Â Â 449 Â Â Â â€” Â Â Â 449 Â Selling, general and administrative Â Â 856 Â Â Â â€” Â Â Â 17 Â Â Â 873 Â Â Â $ 2,158 Â Â $ 19 Â Â $ 218 Â Â $ 2,395 Â Summary of Activity Related to Restructuring Plan Activity related to the Restructuring Plan for the six months ended June 30, 2024 was as follows (amounts in thousands):Â Â Â Restructuring LiabilityDecember 31, 2023 Â Â Restructuring Costs Â Â Amounts Paid in 2024 Â Â Noncash Restructuring Items Â Â Restructuring LiabilityJune 30, 2024 Â Severance & employee-related costs Â $ 464 Â Â $ 2,158 Â Â $ (1,909) Â $ (74) Â $ 639 Â Accelerated depreciation Â Â â€” Â Â Â 19 Â Â Â â€” Â Â Â (19) Â Â Â â€” Â Facility and other exit costs Â Â Â â€” Â Â Â 218 Â Â Â (218) Â Â Â â€” Â Â Â Â â€” Â Total Â $ 464 Â Â $ 2,395 Â Â $ (2,127) Â $ (93) Â $ 639 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 420 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_ScheduleOfRestructuringReserveByTypeOfCostTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R29.htm IDEA: XBRL DOCUMENT v3.24.2 Revenue Recognition (Tables) 6 Months Ended Jun. 30, 2024 Accounting Policies [Abstract] Â Disaggregation of Revenue Revenues for the three and six months ended June 30, 2024 and 2023 were as follows:Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Product revenue Â $ 154,038 Â Â $ 159,133 Â Â $ 305,348 Â Â $ 341,754 Â Royalty and other income Â Â 35 Â Â Â 36 Â Â Â 71 Â Â Â 75 Â Total revenue Â $ 154,073 Â Â $ 159,169 Â Â $ 305,419 Â Â $ 341,829 Â Summary of Receivables and Deferred Revenue from Contracts with Customers The following table provides information about receivables and deferred revenue from contracts with customers as of June 30, 2024 and December 31, 2023 (amounts in thousands):Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Balances from contracts with customers only: Â Â Â Â Â Â Accounts receivable Â $ 123,245 Â Â $ 124,161 Â Deferred revenue (included in accrued liabilities andÂ Â Â other noncurrent liabilities in the condensed Â Â Â consolidated balance sheets) Â $ 14,461 Â Â $ 10,755 Â Revenue recognized during periods presented relating to: Â Â Â Â Â Â The beginning deferred revenue balance Â $ 6,818 Â Â $ 18,751 Â X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10 + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5 + Details Name: us-gaap_DisaggregationOfRevenueTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R30.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets (Tables) 6 Months Ended Jun. 30, 2024 Goodwill And Other Intangible Assets Disclosure [Abstract] Â Changes in Carrying Value of Goodwill The following table represents the change in the carrying value of goodwill for the six months ended June 30, 2024 (amounts in thousands):Â Balance at December 31, 2023 Â $ 987,120 Â Measurement period adjustment - Metenova Â Â (56) Cumulative translation adjustment Â Â (1,451) Balance at June 30, 2024 Â $ 985,613 Â Schedule of Intangible Assets Intangible assets, net, consisted of the following at June 30, 2024: Â Â June 30, 2024 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 246,917 Â Â $ (51,796) Â $ 195,121 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 268,683 Â Â Â (92,419) Â Â 176,264 Â Â Â 15 Â Trademarks Â Â 8,698 Â Â Â (2,043) Â Â 6,655 Â Â Â 19 Â Other intangibles Â Â 3,859 Â Â Â (2,786) Â Â 1,073 Â Â Â 3 Â Total finite-lived intangible assets Â Â 528,397 Â Â Â (149,284) Â Â 379,113 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Â Â Trademarks Â Â 700 Â Â Â â€” Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 529,097 Â Â $ (149,284) Â $ 379,813 Â Â Â Â Â Intangible assets, net, consisted of the following at December 31, 2023:Â Â Â December 31, 2023 Â Â Â GrossCarryingValue Â Â AccumulatedAmortization Â Â NetCarryingValue Â Â WeightedAverageUseful Life(in years) Â Â Â (Amounts in thousands) Â Â Â Â Finite-lived intangible assets: Â Â Â Â Â Â Â Â Â Â Â Â Technology - developed Â $ 249,594 Â Â $ (44,162) Â $ 205,432 Â Â Â 16 Â Patents Â Â 240 Â Â Â (240) Â Â â€” Â Â Â 8 Â Customer relationships Â Â 269,949 Â Â Â (83,963) Â Â 185,986 Â Â Â 15 Â Trademarks Â Â 8,757 Â Â Â (1,789) Â Â 6,968 Â Â Â 19 Â Other intangibles Â Â 3,914 Â Â Â (2,514) Â Â 1,400 Â Â Â 3 Â Total finite-lived intangible assets Â Â 532,454 Â Â Â (132,668) Â Â 399,786 Â Â Â 15 Â Indefinite-lived intangible asset: Â Â Â Â Â Â Â Â Â Â Â Â Trademarks Â Â 700 Â Â Â â€” Â Â 700 Â Â Â â€” Â Total intangible assets Â $ 533,154 Â Â $ (132,668) Â $ 400,486 Â Â Â Â Schedule of Amortization Expense for Amortized Intangible Assets As of June 30, 2024, the Company expects to record the following amortization expense in future periods (amounts in thousands): Â Â Â Estimated Â Â Â Amortization Â For the Years Ended December 31, Â Expense Â 2024 (remaining six months) Â $ 16,882 Â 2025 Â Â 33,608 Â 2026 Â Â 33,270 Â 2027 Â Â 33,236 Â 2028 Â Â 33,137 Â 2029 and thereafter Â Â 228,980 Â Total Â $ 379,113 Â X - DefinitionGoodwill And Other Intangible Assets Disclosure [Abstract] + ReferencesNo definition available. + Details Name: rgen_GoodwillAndOtherIntangibleAssetsDisclosureAbstract Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionSchedule Of Finite Lived And Indefinite Lived Intangible Assets [Table Text Block] + ReferencesNo definition available. + Details Name: rgen_ScheduleOfFiniteLivedAndIndefiniteLivedIntangibleAssetsTableTextBlock Namespace Prefix: rgen_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of amortization expense of assets, excluding financial assets, that lack physical substance, having a limited useful life. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of goodwill by reportable segment and in total which includes a rollforward schedule. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1AReference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2 + Details Name: us-gaap_ScheduleOfGoodwillTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 39 R31.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail (Tables) 6 Months Ended Jun. 30, 2024 Disclosure Text Block [Abstract] Â Inventories Inventories, net consists of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Raw materials Â $ 111,487 Â Â $ 123,598 Â Work-in-process Â Â 5,248 Â Â Â 4,492 Â Finished products Â Â 73,793 Â Â Â 74,231 Â Total inventories, net Â $ 190,528 Â Â $ 202,321 Â Assets held for sale Assets held for sale as of June 30, 2024 (for which there were no comparable amounts as of December 31, 2023) consist of the following (amounts in thousands): Â Â June 30, Â Â Â 2024 Â Land Â $ 101 Â Buildings Â Â 915 Â Total assets held for sale Â $ 1,016 Â Property, plant and equipment, net Property, plant and equipment, netProperty, plant and equipment, net consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Land Â $ 831 Â Â $ 992 Â Buildings Â Â 697 Â Â Â 1,667 Â Leasehold improvements Â Â 128,455 Â Â Â 126,663 Â Equipment Â Â 114,013 Â Â Â 114,606 Â Furniture, fixtures and office equipment Â Â 9,046 Â Â Â 9,077 Â Computer hardware and software Â Â 39,942 Â Â Â 35,528 Â Construction in progress Â Â 54,334 Â Â Â 47,086 Â Other Â Â 501 Â Â Â 544 Â Total property, plant and equipment Â Â 347,819 Â Â Â 336,163 Â Less - Accumulated depreciation Â Â (143,220) Â Â (128,723) Total property, plant and equipment, net Â $ 204,599 Â Â $ 207,440 Â Accrued liabilities Accrued liabilitiesAccrued liabilities consist of the following:Â Â Â June 30, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Employee compensation Â $ 23,438 Â Â $ 16,660 Â Deferred revenue Â Â 14,001 Â Â Â 10,287 Â Income taxes payable Â Â 573 Â Â Â 6,814 Â Other Â Â 19,839 Â Â Â 16,772 Â Total accrued liabilities Â $ 57,851 Â Â $ 50,533 Â X - DefinitionTabular disclosure of long lived assets held for sale. Disclosure may include the description of the facts and circumstances leading to the expected disposal, manner and timing of disposal, the carrying value of the assets held for sale, the gain (loss) recognized in the income statement and the income statement caption that includes that gain (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 3 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-3 + Details Name: us-gaap_DisclosureOfLongLivedAssetsHeldForSaleTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accrued liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R32.htm IDEA: XBRL DOCUMENT v3.24.2 Convertible Senior Notes (Tables) 6 Months Ended Jun. 30, 2024 Debt Instrument [Line Items] Â Carrying Value of Convertible Senior Notes The carrying value of the Company's convertible senior notes is as follows: Â Â Â Â Â Â Â Â Â June 30,2024 Â Â December 31,2023 Â Â Â (Amounts in thousands) Â 1.00% Convertible Senior Notes due 2028: Â Â Â Â Â Â Principal amount Â $ 600,000 Â Â $ 600,000 Â Unamortized debt discount Â Â (74,733) Â Â (81,457) Unamortized debt issuance costs Â Â (7,542) Â Â (8,400) Carrying amount - Convertible Senior Notes due 2028, net Â $ 517,725 Â Â $ 510,143 Â 0.375% Convertible Senior Notes due 2024: Â Â Â Â Â Â Principal amount Â $ 69,504 Â Â $ 69,700 Â Unamortized debt issuance costs Â Â (23) Â Â (248) Carrying amount - Convertible Senior Notes due 2024, net Â $ 69,481 Â Â $ 69,452 Â 2023 Notes Â Debt Instrument [Line Items] Â Schedule of convertible note interest expense The following table sets forth total interest expense recognized related to the 2023 Notes for the three and six months ended June 30, 2024 for which there were no comparable amounts for the same periods of 2023: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2024 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2023 Notes Â $ 1,500 Â Â $ 3,000 Â Amortization of debt discount â€“ 2023 Notes Â Â 3,398 Â Â Â 6,724 Â Amortization of debt issuance costs â€“ 2023 Notes Â Â 408 Â Â Â 815 Â Total Â $ 5,306 Â Â $ 10,539 Â Effective interest rate of the liability component Â Â 4.39 % Â Â 4.39 % 2019 Notes Â Debt Instrument [Line Items] Â Schedule of convertible note interest expense The following table sets forth total interest expense recognized related to the 2019 Notes: Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except percentage data) Â Contractual interest expense â€“ 2019 Notes Â $ 65 Â Â $ 269 Â Â $ 130 Â Â $ 539 Â Amortization of debt issuance costs â€“ 2019 Notes Â Â 112 Â Â Â 457 Â Â Â 224 Â Â Â 914 Â Total Â $ 177 Â Â $ 726 Â Â $ 354 Â Â $ 1,453 Â Effective interest rate of the liability component Â Â 1.00 % Â Â 1.00 % Â Â 1.00 % Â Â 1.00 % X - DefinitionSchedule of convertiable note interest expense + ReferencesNo definition available. + Details Name: rgen_ScheduleOfConvertibleNoteInterestExpense Namespace Prefix: rgen_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of convertible debt instrument. Includes, but is not limited to, principal amount and amortized premium or discount. + ReferencesNo definition available. + Details Name: us-gaap_ConvertibleDebtTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_TwoZeroTwoThreeNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_TwoZeroTwoNineteenNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 41 R33.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity (Tables) 6 Months Ended Jun. 30, 2024 Equity [Abstract] Â Stock-Based Compensation Expense The following table presents stock-based compensation expense in the Companyâ€™s condensed consolidated statements of comprehensive income (loss): Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands) Â Cost of goods sold Â $ 498 Â Â $ 522 Â Â $ 1,102 Â Â $ 1,113 Â Research and development Â Â 503 Â Â Â 608 Â Â Â 1,447 Â Â Â 1,395 Â Selling, general and administrative(1) Â Â 8,213 Â Â Â 4,353 Â Â Â 15,441 Â Â Â 10,229 Â Total stock-based compensation Â $ 9,214 Â Â $ 5,483 Â Â $ 17,990 Â Â $ 12,737 Â Â Â Â Â Â Â Â Â Â Â Â Â Â (1)Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above. Summary of Option Activity Information regarding option activity for the six months ended June 30, 2024 under the Plans is summarized below:Â Â Â Shares Â Â Weightedaverageexerciseprice Â Â Weighted-AverageRemainingContractualTerm(in Years) Â Â AggregateIntrinsicValue(in Thousands) Â Options outstanding at December 31, 2023 Â Â 649,130 Â Â $ 85.97 Â Â Â Â Â Â Â Granted Â Â 60,736 Â Â $ 184.66 Â Â Â Â Â Â Â Exercised Â Â (26,661) Â $ 67.08 Â Â Â Â Â Â Â Forfeited/expired/cancelled(1) Â Â (22,027) Â $ 192.07 Â Â Â Â Â Â Â Options outstanding at June 30, 2024 Â Â 661,178 Â Â $ 92.26 Â Â Â Â Â Â Â Options exercisable at June 30, 2024 Â Â 413,411 Â Â $ 74.55 Â Â Â Â Â Â Â Vested and expected to vest at June 30, 2024(2) Â Â 655,251 Â Â $ 91.51 Â Â Â 5.41 Â Â $ 35,463 Â (1)Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under â€œChief Executive Officer Accounting Modificationsâ€. (2)Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. Summary of Restricted Stock Unit Activity Information regarding stock unit activity, which includes activity for restricted stock units and performance stock units, for the six months ended June 30, 2024 under the Plans is summarized below:Â Â Â Shares Â Â Weighted AverageGrant DateFair Value Â Â Unvested at December 31, 2023 Â Â 474,320 Â Â $ 155.59 Â Â Awarded Â Â 178,252 Â Â $ 188.57 Â Â Vested Â Â (125,820) Â $ 143.87 Â Â Forfeited/cancelled(1) Â Â (69,442) Â $ 189.15 Â Â Unvested at June 30, 2024 Â Â 457,310 Â Â $ 166.59 Â Â Vested and expected to vest at June 30, 2024(2) Â Â 397,312 Â Â $ 164.77 Â Â Â (1)Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under â€Chief Executive Officer Accounting Modificationsâ€.Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R34.htm IDEA: XBRL DOCUMENT v3.24.2 Earnings Per Share (Tables) 6 Months Ended Jun. 30, 2024 Earnings Per Share, Basic [Abstract] Â Basic and Diluted Weighted Average Shares Outstanding A reconciliation of basic and diluted weighted average shares outstanding is as follows: Â Â Â Three Months EndedJune 30, Â Â Six Months EndedJune 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (Amounts in thousands, except per share data) Â Numerator: Â Â Â Â Â Â Â Â Â Â Â Â Â Net income Â $ 3,321 Â Â $ 20,064 Â Â $ 5,415 Â Â $ 48,893 Â Â Â Â Â Â Â Â Â Â Â Â Â Denominator: Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares used in computing net income per share - basic Â Â 55,884 Â Â Â 55,705 Â Â Â 55,838 Â Â Â 55,648 Â Effect of dilutive shares: Â Â Â Â Â Â Â Â Â Â Â Â Â Options and stock units Â Â 391 Â Â Â 451 Â Â Â 437 Â Â Â 487 Â Convertible senior notes(1) Â Â 159 Â Â Â 701 Â Â Â 202 Â Â Â 797 Â Dilutive effect of unvested performance stock units Â Â â€” Â Â Â 1 Â Â Â â€” Â Â Â 1 Â Dilutive potential common shares Â Â 550 Â Â Â 1,153 Â Â Â 639 Â Â Â 1,284 Â Denominator for diluted earnings per share - adjustedÂ Â Â Â Â Â weighted average shares used in computingÂ Â Â Â Â earnings per share - diluted Â Â 56,434 Â Â Â 56,858 Â Â Â 56,477 Â Â Â 56,932 Â Â Â Â Â Â Â Â Â Â Â Â Â Earnings per share: Â Â Â Â Â Â Â Â Â Â Â Â Â Basic Â $ 0.06 Â Â $ 0.36 Â Â $ 0.10 Â Â $ 0.88 Â Diluted Â $ 0.06 Â Â $ 0.35 Â Â $ 0.10 Â Â $ 0.86 Â (1)Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information. X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the weighted average number of shares used in calculating basic net earnings per share (or unit) and diluted earnings per share (or unit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfWeightedAverageNumberOfSharesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 43 R35.htm IDEA: XBRL DOCUMENT v3.24.2 Segment Reporting (Tables) 6 Months Ended Jun. 30, 2024 Text Block [Abstract] Â Percentage by Geographic Area or Significant Customers The following table represents the Companyâ€™s total revenue by customersâ€™ geographic locations: Â Â Three Months Ended Â Â Six Months Ended Â Â Â June 30, Â Â June 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Revenue by customers' geographic locations: Â Â Â Â Â Â Â Â Â Â Â Â Â North America Â Â 50 % Â Â 46 % Â Â 50 % Â Â 42 % Europe Â Â 36 % Â Â 36 % Â Â 34 % Â Â 37 % APAC/Other Â Â 14 % Â Â 18 % Â Â 16 % Â Â 21 % Total revenue Â Â 100 % Â Â 100 % Â Â 100 % Â Â 100 % X - DefinitionTabular disclosure of the nature of a concentration, a benchmark to which it is compared, and the percentage that the risk is to the benchmark. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-16Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-21 + Details Name: us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 44 R36.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurements - Schedule of Financial assets and financial liabilities measured at fair value on a recurring basis (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Short-term contingent consideration $ 13,936 $ 12,983 Long-term contingent consideration Â 14,070 Money Market Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Assets, fair value 735,008 658,574 Level 1 | Money Market Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Assets, fair value 735,008 658,574 Level 3 Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Short-term contingent consideration $ 13,936 12,983 Long-term contingent consideration Â $ 14,070 X - DefinitionLong-term contingent consideration. + ReferencesNo definition available. + Details Name: rgen_LongTermContingentConsideration Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionShort-term contingent consideration. + ReferencesNo definition available. + Details Name: rgen_ShortTermContingentConsideration Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value portion of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_CashAndCashEquivalentsAxis=us-gaap_MoneyMarketFundsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R37.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurement - Additional Information (Detail) - USD ($) $ in Thousands 6 Months Ended Dec. 14, 2023 Apr. 17, 2023 Jun. 30, 2024 Dec. 31, 2023 Jul. 31, 2019 0.375% Convertible Senior Notes due 2024 Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Principal amount Â Â Â Â $ 287,500 Notes, frequency of periodic payment Â Â semi-annually Â Â Notes, carrying value Â Â $ 69,500 $ 69,500 Â Fair value of convertible senior notes Â Â 82,600 109,800 Â 1.00% Convertible Senior Notes due 2028 Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Principal amount $ 290,100 Â Â Â Â Â Notes, carrying value Â Â 517,700 510,100 Â Fair value of convertible senior notes Â Â 497,400 596,000 Â Notes for cash 290,100 Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Private Placement Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Principal amount 600,000 Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Exchange Transaction Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Debt istrument cancelled 309,900 Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Subscription Transaction Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Principal amount 290,100 Â Â Â Â Â 2019 Notes [Member] Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Debt Intrument Exchange Amount $ 217,700 Â Â Â Â Money Market Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Assets, fair value Â Â 735,008 $ 658,574 Â Avitide, Inc. Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Business combination contingent consideration Â Â 125,000 Â Â FlexBiosys, Inc. Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Business combination contingent consideration Â $ 6,600 42,000 Â Â Metenova

Holding AB Â Â Â Â Â Summary Of Significant Accounting Policies [Line Items] Â Â Â Â Â Business combination contingent consideration Â Â $ 10,000 Â Â X - DefinitionDebt Instrument Exchange Amount + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentExchangeAmount Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDebt instrument exchanged amount cancelled + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentExchangedAmountCancelled Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDebt instrument issued for cash. + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentIssuedForCash Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSummary Of Significant Accounting Policies [Line Items] + ReferencesNo definition available. + Details Name: rgen_SummaryOfSignificantAccountingPoliciesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value portion of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities incurred by the acquirer as part of consideration transferred in a business combination. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-25-5Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-8Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-7 + Details Name: us-gaap_BusinessCombinationConsiderationTransferredLiabilitiesIncurred Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDescription of the frequency of periodic payments (monthly, quarterly, annual). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 942 -SubTopic 470 -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3 + Details Name: us-gaap_DebtInstrumentFrequencyOfPeriodicPayment Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_LongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LongTermDebtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=rgen_ZeroPointThreeSevenFivePercentageConvertibleSeniorNotesDueTwentyTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_OnePointZeroZeroPercentConvertibleSeniorNotesDueTwentyTwentyEightMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=us-gaap_PrivatePlacementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=rgen_ExchangeTransactionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=rgen_SubscriptionTransactionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_NotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CashAndCashEquivalentsAxis=us-gaap_MoneyMarketFundsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_AvitideIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 46 R38.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurements - Schedule of Reconciliation of the Change in the Fair Value of Contingent Consideration - Earnout (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Â Â Payment of contingent consideration earnout $ 0 $ 1,791 $ 0 $ 3,026 Contingent Consideration Â Â Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Â Â Balance at December 31, 2023 Â Â 27,053 Â Payment of contingent consideration earnout Â Â (13,117) Â Decrease in fair value of contingent consideration earnouts Â Â 0 Â Balance at March 31 , 2024 $ 13,936 Â $ 13,936 Â X - DefinitionAmount of liabilities incurred by the acquirer as part of consideration transferred in a business combination. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-25-5Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-8Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-7 + Details Name: us-gaap_BusinessCombinationConsiderationTransferredLiabilitiesIncurred Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in the value of a contingent consideration liability, including, but not limited to, differences arising upon settlement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-4 + Details Name: us-gaap_BusinessCombinationContingentConsiderationArrangementsChangeInAmountOfContingentConsiderationLiability1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value of financial and nonfinancial obligations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LiabilitiesFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=rgen_ContingentConsiderationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 47 R39.htm IDEA: XBRL DOCUMENT v3.24.2 Fair Value Measurements - Schedule of Contingent Consideration Earnout Expect to be Required to Settle Include Significant Unobservable Inputs (Detail) - Contingent Consideration - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Liabilities, fair value $ 13,936 $ 27,053 Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Liabilities, fair value $ 361 Â Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring | Earnout Discount Rate Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 5.80% Â Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring | Volatility Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 13.90% Â Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring | Revenue & Volume Discount Rate Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 5.10% Â Manufacturing line expansions | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Probability of success 100.00% Â Manufacturing line expansions | Monte Carlo Simulation | Fair Value, Recurring | Probability of Success Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 100.00% Â Manufacturing line expansions | Probability-Weighted Present Value [Member] | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Liabilities, fair value $ 3,897 Â Manufacturing line expansions | Probability-Weighted Present Value [Member] | Fair Value, Recurring | Earnout Discount Rate Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 6.30% Â Minimum | Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 5.80% Â Volatility 12.50% Â Revenue and volume discount rate 2.50% Â Minimum | Manufacturing line expansions | Probability-Weighted Present Value [Member] | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 6.10% Â Maximum | Revenue and Volume Based Payments | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 7.20% Â Volatility 24.60% Â Revenue and volume discount rate 9.30% Â Maximum | Manufacturing line expansions | Probability-Weighted Present Value [Member] | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 6.40% Â Avitide, Flexbiosys and Metenova | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Liabilities, fair value $ 9,678 Â Probability of success 100.00% Â Avitide, Flexbiosys and Metenova | Monte Carlo Simulation | Fair Value, Recurring | Probability of Success Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 100.00% Â Avitide, Flexbiosys and Metenova | Monte Carlo Simulation | Fair Value, Recurring | Earnout Discount Rate Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Weighted average discount rate [1] 5.90% Â Avitide, Flexbiosys and Metenova | Minimum | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 5.80% Â Avitide, Flexbiosys and Metenova | Maximum | Monte Carlo Simulation | Fair Value, Recurring Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Discount Rate 5.90% Â [1] Unobservable inputs were weighted by the relative fair value of the contingent consideration liability. X - DefinitionProbability of success. + ReferencesNo definition available. + Details Name: rgen_ProbabilityOfSuccess Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionRevenue and volume discount rate. + ReferencesNo definition available. + Details Name: rgen_RevenueAndVolumeDiscountRate Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionVolatility rate of contingent consideration. + ReferencesNo definition available. + Details Name: rgen_VolatilityRateOfContingentConsideration Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType

Balance Type: na Period Type: instant X - DefinitionWeighted average discount rate. + ReferencesNo definition available. + Details Name: rgen_WeightedAverageDiscountRate Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionFixed interest rate related to the interest rate derivative. + ReferencesNo definition available. + Details Name: us-gaap_DerivativeFixedInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value of financial and nonfinancial obligations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LiabilitiesFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=rgen_ContingentConsiderationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=rgen_RevenueAndVolumeBasedPaymentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ValuationTechniqueAxis=rgen_MonteCarloSimulationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=rgen_MeasurementInputEarnoutDiscountRateMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputPriceVolatilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=rgen_MeasurementInputRevenueVolumeDiscountRateMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=rgen_ManufacturingLineExpansionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=rgen_MeasurementInputProbabilityOfSuccessMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ValuationTechniqueAxis=rgen_ProbabilityWeightedPresentValueMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_AvitideFlexbiosysAndMetenovaMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 48 R40.htm IDEA: XBRL DOCUMENT v3.24.2 Acquisitions - Additional Information (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Oct. 02, 2023 Apr. 17, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Business Acquisition [Line Items] Â Â Â Â Â Â Goodwill Â Â $ 985,613 $ 985,613 Â $ 987,120 Metenova Holding AB Â Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Â Â Cash consideration $ 164,500 Â Â Â Â Â Shares of common stock issued for acquisition 52,299 Â Â Â Â Â Value of common stock issued $ 172,600 Â Â Â Â Â Business combination contingent consideration Â Â Â 10,000 Â Â Net liabilities assumed 1,900 Â Â Â Â Â Business combination, intangible assets 58,800 Â Â Â Â Â Intangible Asset Residual Value 115,700 Â Â Â Â Â Transaction costs Â Â 6,100 6,100 Â Â Business combination, acquisition related costs Â Â 1,000 2,600 Â Â Goodwill Â Â 115,722 115,722 Â Â Working capital adjustment Â Â Â 100 Â Â Metenova Holding AB | Common Stock Â Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Â Â Value of common stock issued $ 8,100 Â Â Â Â Â FlexBiosys Â Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Â Â Business combination date of acquistion Â Apr. 17, 2023 Â Â Â Â Â Cash consideration Â $ 29,000 Â Â Â Â Business Combination, Indemnification Assets, Range of Outcomes, Value, High Â $ 6,300 Â Â Â Â Shares of common stock issued for acquisition Â 31,415 Â Â 31,415 Â Value of common stock issued Â $ 41,000 Â Â Â Â Business combination contingent consideration Â 6,600 Â 42,000 Â Â Net liabilities assumed Â 14,100 Â Â Â Â Business combination, intangible assets Â 12,600 Â Â Â Â Intangible Asset Residual Value Â 14,300 Â Â Â Â Transaction costs Â Â 1,100 1,100 Â Â Business combination, acquisition related costs Â Â 0 0 Â Â Goodwill Â Â $ 14,321 $ 14,321 Â Â FlexBiosys | Common Stock Â Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Â Â Value of common stock issued Â $ 5,400 Â Â Â Â X - DefinitionBusiness acquisition working capital adjustments. + ReferencesNo definition available. + Details Name: rgen_BusinessAcquisitionWorkingCapitalAdjustments Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of residual value of finite-lived asset acquired in business combination, asset acquisition, and from joint venture formation. Excludes financial asset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetResidualValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of direct costs of the business combination including legal, accounting, and other costs incurred to consummate the business acquisition. + ReferencesNo definition available. + Details Name: us-gaap_BusinessAcquisitionCostOfAcquiredEntityTransactionCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionDate when the acquirer obtains control of the acquiree, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 7 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-7Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 6 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-6 + Details Name: us-gaap_BusinessAcquisitionEffectiveDateOfAcquisition1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of equity interests issued or issuable to acquire entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1 + Details Name: us-gaap_BusinessAcquisitionEquityInterestsIssuedOrIssuableNumberOfSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThis element represents acquisition-related costs incurred to effect a business combination which costs have been expensed during the period. Such costs include finder's fees; advisory, legal, accounting, valuation, and other professional or consulting fees; general administrative costs, including the costs of maintaining an internal acquisitions department; and may include costs of registering and issuing debt and equity securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 25 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-23 + Details Name: us-gaap_BusinessCombinationAcquisitionRelatedCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of equity interests of the acquirer, including instruments or interests issued or issuable in consideration for the business combination. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-7 + Details Name: us-gaap_BusinessCombinationConsiderationTransferredEquityInterestsIssuedAndIssuable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of liabilities incurred by the acquirer as part of consideration transferred in a business combination. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-25-5Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-8Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479637/805-30-30-7 + Details Name: us-gaap_BusinessCombinationConsiderationTransferredLiabilitiesIncurred Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFor indemnification assets recognized in connection with a business combination, this element represents an estimate of the high-end of the potential range (undiscounted) of the indemnification benefit which may be realized. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationIndemnificationAssetsRangeOfOutcomesValueHigh Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe cash outflow associated with the acquisition of business during the period. The cash portion only of the acquisition price. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479581/805-30-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R41.htm IDEA: XBRL DOCUMENT v3.24.2 Acquisitions - Fair Value of Net Assets Acquired (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Oct. 02, 2023 Apr. 17, 2023 Business Acquisition [Line Items] Â Â Â Â Goodwill $ 985,613 $ 987,120 Â Â Metenova Holding AB Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Cash and cash equivalents 5,768 Â Â Â Accounts receivable 3,730 Â Â Â Inventory 4,477 Â Â Â Prepaid expenses and other current assets 470 Â Â Â Property and equipment 433 Â Â Â Operating lease right of use asset 615 Â Â Â Business combination, intangible assets Â Â $ 58,800 Â Goodwill 115,722 Â Â Â Accounts payable (1,432) Â Â Â Accrued liabilities (2,934) Â Â Â Operating lease liability (275) Â Â Â Fair value of net assets acquired 172,600 Â Â Â Metenova Holding AB | Customer relationships Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 12,659 Â Â Â Metenova Holding AB | Developed technology Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 44,377 Â Â Â Metenova Holding AB | Trademark and tradename Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 939 Â Â Â Metenova Holding AB | Non-compete agreements Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 787 Â Â Â FlexBiosys Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Cash and cash equivalents 1,090 Â Â Â Accounts receivable 683 Â Â Â Inventory 667 Â Â Â Prepaid expenses and other current assets 35 Â Â Â Property and equipment 12,034 Â Â Â Operating lease right of use asset 3,537 Â Â Â Business combination, intangible assets Â Â Â $ 12,600 Goodwill 14,321 Â Â Â Other long-term assets 10 Â Â Â Accounts payable (136) Â Â Â Accrued liabilities (314) Â Â Â Operating lease liability (39) Â Â Â Fair value of net assets acquired 41,030 Â Â Â FlexBiosys | Customer relationships Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 2,530 Â Â Â FlexBiosys | Developed technology Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 9,860 Â Â Â FlexBiosys | Trademark and tradename Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets 30 Â Â Â FlexBiosys | Non-compete agreements Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Business combination, intangible assets $ 220 Â Â Â X - DefinitionBusiness Combination Recognized Identifiable Assets Acquired And Liabilities Assumed Current Liabilities Accrued Liabilities + ReferencesNo definition available. + Details Name: rgen_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesAccruedLiabilities Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType

Balance Type: credit Period Type: instant X - DefinitionBusiness Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Liability Current. + ReferencesNo definition available. + Details Name: rgen_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseLiabilityCurrent Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionBusiness Combination Recognized Identifiable Assets Acquired and Liabilities Assumed Operating Lease Right Of Use Asset. + ReferencesNo definition available. + Details Name: rgen_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseRightOfUseAsset Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions, acquired at the acquisition date. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCashAndEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsPrepaidExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount due from customers or clients for goods or services, including trade receivables, that have been delivered or sold in the normal course of business, and amounts due from others, including related parties expected to be converted to cash, sold or exchanged within one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities incurred for goods and services received that are used in an entity's business and related party payables, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe amount of inventory recognized as of the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 55 -Paragraph 37 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479303/805-10-55-37Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedInventory Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of other assets expected to be realized or consumed after one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe amount of property, plant, and equipment recognized as of the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 55 -Paragraph 37 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479303/805-10-55-37Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount recognized for assets, including goodwill, in excess of (less than) the aggregate liabilities assumed. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredGoodwillAndLiabilitiesAssumedNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksAndTradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_NoncompeteAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 50 R42.htm IDEA: XBRL DOCUMENT v3.24.2 Acquisitions - Estimated Useful Life and Fair Value (Detail) $ in Thousands 6 Months Ended Jun. 30, 2024 USD ($) Metenova Holding AB Â Business Acquisition [Line Items] Â Fair Value $ 58,762 Metenova Holding AB | Customer relationships Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 15 years Fair Value $ 12,659 Metenova Holding AB | Developed technology Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 15 years Fair Value $ 44,377 Metenova Holding AB | Trademark and tradename Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 15 years Fair Value $ 939 Metenova Holding AB | Non-compete agreements Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 2 years Fair Value $ 787 FlexBiosys Â Business Acquisition [Line Items] Â Fair Value $ 12,640 FlexBiosys | Customer relationships Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 12 years Fair Value $ 2,530 FlexBiosys | Developed technology Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 16 years Fair Value $ 9,860 FlexBiosys | Trademark and tradename Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 4 years Fair Value $ 30 FlexBiosys | Non-compete agreements Â Business Acquisition [Line Items] Â Weighted Average Useful Life (in years) 5 years Fair Value $ 220 X - DefinitionWeighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of identifiable intangible assets recognized as of the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 55 -Paragraph 37 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479303/805-10-55-37Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibles Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_NoncompeteAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 51 R43.htm IDEA: XBRL DOCUMENT v3.24.2 Restructuring Plan - Additional Information (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs $ 972 $ 2,395 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 52 R44.htm IDEA: XBRL DOCUMENT v3.24.2 Restructuring Plan - Summary of Restructuring Activities by Type of Cost (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs $ 972 $ 2,395 Severance & employee-related costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 812 2,158 Accelerated depreciation Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 0 19 Facility and Other Exit Costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 160 218 Cost of goods sold Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 514 1,073 Cost of goods sold | Severance & employee-related costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 371 853 Cost of goods sold | Accelerated depreciation Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 0 19 Cost of goods sold | Facility and Other Exit Costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 143 201 Research and development Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 284 449 Research and development | Severance & employee-related costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 284 449 Research and development | Accelerated depreciation Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 0 0 Research and development | Facility and Other Exit Costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 0 0 Selling, general and administrative Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 174

873 Selling, general and administrative | Severance & employee-related costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 157 856 Selling, general and administrative | Accelerated depreciation Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs 0 0 Selling, general and administrative | Facility and Other Exit Costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Costs $ 17 $ 17 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RestructuringCostAndReserveAxis=us-gaap_EmployeeSeveranceMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=rgen_AcceleratedDepreciationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=rgen_FacilityAndOtherExitCostsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 53 R45.htm IDEA: XBRL DOCUMENT v3.24.2 Restructuring Plan - Summary of Activity Related to Restructuring Plan (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Restructuring Cost and Reserve [Line Items] Â Â Restructuring Liability December 31, 2023 Â $ 464 Restructuring Costs $ 972 2,395 Amounts Paid Â (2,127) NonCash Restructuring Items Â (93) Restructuring Liability June 30, 2024 639 639 Severance & employee-related costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Liability December 31, 2023 Â 464 Restructuring Costs 812 2,158 Amounts Paid Â (1,909) NonCash Restructuring Items Â (74) Restructuring Liability June 30, 2024 639 639 Accelerated depreciation Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Liability December 31, 2023 Â 0 Restructuring Costs 0 19 Amounts Paid Â 0 NonCash Restructuring Items Â (19) Restructuring Liability June 30, 2024 0 0 Facility exit and other exit costs Â Â Restructuring Cost and Reserve [Line Items] Â Â Restructuring Liability December 31, 2023 Â 0 Restructuring Costs Â 218 Amounts Paid Â (218) NonCash Restructuring Items Â 0 Restructuring Liability June 30, 2024 $ 0 $ 0 X - DefinitionAmount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_PaymentsForRestructuring Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCarrying amount (including both current and noncurrent portions of the accrual) as of the balance sheet date pertaining to a specified type of cost associated with exit from or disposal of business activities or restructuring pursuant to a duly authorized plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserve Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of decrease in the reserve for full or partial settlement through consideration other than cash. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserveSettledWithoutCash2 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RestructuringCostAndReserveAxis=us-gaap_EmployeeSeveranceMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=rgen_AcceleratedDepreciationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=rgen_FacilityExitAndOtherExitCostsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R46.htm IDEA: XBRL DOCUMENT v3.24.2 Revenue Recognition - Summary of Disaggregation of Revenue (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Disaggregation of Revenue [Line Items] Â Â Â Â Â Total revenue $ 154,073 $ 159,169 $ 305,419 $ 341,829 Product Revenue Â Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Â Total revenue 154,038 159,133 305,348 341,754 Royalty and Other Income Â Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Â Total revenue $ 35 $ 36 $ 71 $ 75 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91 + Details Name: us-gaap_DisaggregationOfRevenueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ProductOrServiceAxis=us-gaap_ProductMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_RoyaltyMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R47.htm IDEA: XBRL DOCUMENT v3.24.2 Revenue Recognition - Summary of Receivables and Deferred Revenue from Contracts with Customers (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Balances from contracts with customers only: Â Â Accounts receivable $ 123,245 $ 124,161 Deferred revenue (included in accrued liabilities and other noncurrent liabilities in the condensed consolidated balance sheets) 14,461 10,755 Revenue recognized during periods presented relating to: Â Â The beginning deferred revenue balance $ 6,818 $ 18,751 X - ReferencesNo definition available. + Details Name: us-gaap_ChangeInContractWithCustomerAssetAndLiabilityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right to consideration is unconditional. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479196/954-310-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerReceivableAfterAllowanceForCreditLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)(c)) -Publisher

FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DeferredRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 56 R48.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets - Changes in Carrying Value of Goodwill (Detail) $ in Thousands 6 Months Ended Jun. 30, 2024 USD ($) Goodwill [Line Items] Â Balance $ 987,120 Cumulative translation adjustment (1,451) Balance 985,613 Metenova Holding AB [Member] Â Goodwill [Line Items] Â Measurement period adjustment - FlexBiosys (56) Balance 115,722 FlexBiosys Â Goodwill [Line Items] Â Balance $ 14,321 X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of foreign currency translation gain (loss) which increases (decreases) asset representing future economic benefit from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillForeignCurrencyTranslationGainLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1A + Details Name: us-gaap_GoodwillLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) from measurement period adjustment of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 16 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-16 + Details Name: us-gaap_GoodwillPurchaseAccountingAdjustments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_MetenovaHoldingAbMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R49.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets - Additional Information (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Finite-Lived Intangible Liabilities [Line Items] Â Â Â Â Impairment of intangible assets Â Â $ 0.0 Â Amortization of Intangible Assets $ 8.5 $ 7.5 $ 17.2 $ 14.9 X - DefinitionFinite-Lived Intangible Liabilities [Line Items] + ReferencesNo definition available. + Details Name: rgen_FiniteLivedIntangibleLiabilitiesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2 + Details Name: us-gaap_AmortizationOfIntangibleAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of impairment loss recognized in the period resulting from the write-down of the carrying amount of an intangible asset (excluding goodwill) to fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-3 + Details Name: us-gaap_ImpairmentOfIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 58 R50.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets - Schedule of Intangible Assets (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Intangible Assets [Line Items] Â Â Gross Carrying Value $ 528,397 $ 532,454 Gross Carrying Value 529,097 533,154 Accumulated Amortization (149,284) (132,668) Accumulated Amortization (149,284) (132,668) Net Carrying Value 379,113 399,786 Net Carrying Value $ 379,813 $ 400,486 Weighted Average Useful Life (in years) 15 years 15 years Trademark Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value $ 700 $ 700 Net Carrying Value 700 700 Technology - developed Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value 246,917 249,594 Accumulated Amortization (51,796) (44,162) Net Carrying Value $ 195,121 $ 205,432 Weighted Average Useful Life (in years) 16 years 16 years Patents Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value $ 240 $ 240 Accumulated Amortization (240) (240) Net Carrying Value $ 0 $ 0 Weighted Average Useful Life (in years) 8 years 8 years Customer relationships Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value $ 268,683 $ 269,949 Accumulated Amortization (92,419) (83,963) Net Carrying Value $ 176,264 $ 185,986 Weighted Average Useful Life (in years) 15 years 15 years Trademarks Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value $ 8,698 $ 8,757 Accumulated Amortization (2,043) (1,789) Net Carrying Value $ 6,655 $ 6,968 Weighted Average Useful Life (in years) 19 years 19 years Other intangibles Â Â Intangible Assets [Line Items] Â Â Gross Carrying Value $ 3,859 $ 3,914 Accumulated Amortization (2,786) (2,514) Net Carrying Value $ 1,073 $ 1,400 Weighted Average Useful Life (in years) 3 years 3 years X - DefinitionIndefinite Lived Intangible Assets Accumulated Amortization + ReferencesNo definition available. + Details Name: rgen_IndefiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndefinite Lived Intangible Assets Net + ReferencesNo definition available. + Details Name: rgen_IndefiniteLivedIntangibleAssetsNet Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionIntangible Assets [Line Items] + ReferencesNo definition available. + Details Name: rgen_IntangibleAssetsLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionUseful life of finite-lived intangible assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated amortization of intangible assets, excluding goodwill. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_IntangibleAssetsGrossExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=rgen_TrademarkMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OtherIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 59 R51.htm IDEA: XBRL DOCUMENT v3.24.2 Goodwill and Intangible Assets - Amortization Expense for Amortized Intangible Assets (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Finite-Lived Intangible

Liabilities [Line Items] Â Â 2024 (remaining nine months) $ 16,882 Â 2025 33,608 Â 2026 33,270 Â 2027 33,236 Â 2028 33,137 Â 2029 and thereafter 228,980 Â Net Carrying Value $ 379,113 $ 399,786 X - DefinitionFinite-Lived Intangible Liabilities [Line Items] + ReferencesNo definition available. + Details Name: rgen_FiniteLivedIntangibleLiabilitiesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of amortization for asset, excluding financial asset and goodwill, lacking physical substance with finite life expected to be recognized after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseAfterYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 60 R52.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail - Additional Information (Details) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Disposal Group, Including Discontinued Operation, Assets, Current [Abstract] Â Â Assets held for sale $ 1,016 $ 0 X - DefinitionAmount classified as assets attributable to disposal group held for sale or disposed of, expected to be disposed of within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10 -SubTopic 20 -Topic 205 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-9Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5BReference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-3Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-11 + Details Name: us-gaap_AssetsOfDisposalGroupIncludingDiscontinuedOperationCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsOfDisposalGroupIncludingDiscontinuedOperationCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 61 R53.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail - Schedule of Inventories (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Inventory [Line Items] Â Â Raw materials $ 111,487 $ 123,598 Work-in-process 5,248 4,492 Finished products 73,793 74,231 Total inventories, net $ 190,528 $ 202,321 X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoodsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_InventoryLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterialsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 62 R54.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail - Schedule of Asset Held for Sale (Details) $ in Thousands Jun. 30, 2024 USD ($) Total assets held for sale $ 1,016 Land Â Total assets held for sale 101 Building Â Total assets held for sale $ 915 X - DefinitionAmount of assets held-for-sale that are not part of a disposal group. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 15 -Paragraph 4 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482309/360-10-15-4 + Details Name: us-gaap_AssetsHeldForSaleNotPartOfDisposalGroup Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_LandMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_BuildingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R55.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail - Property, Plant and Equipment, Net (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Property, Plant and Equipment [Line Items] Â Â Land $ 831 $ 992 Buildings 697 1,667 Leasehold improvements 128,455 126,663 Equipment 114,013 114,606 Furniture, fixtures and office equipment 9,046 9,077 Computer hardware and software 39,942 35,528 Construction in progress 54,334 47,086 Other 501 544 Total property, plant and equipment 347,819 336,163 Less - Accumulated depreciation (143,220) (128,723) Total property, plant and equipment, net $ 204,599 $ 207,440 X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation of building structures held for productive use including addition, improvement, or renovation to the structure, including, but not limited to, interior masonry, interior flooring, electrical, and plumbing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_BuildingsAndImprovementsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated amortization of capitalized costs for computer software, including but not limited to, acquired and internally developed computer software. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_CapitalizedComputerSoftwareGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_ConstructionInProgressGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation of equipment commonly used in offices and stores that have no permanent connection to the structure of a building or utilities. Examples include, but are not limited to, desks, chairs, tables, and bookcases. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_FurnitureAndFixturesGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depletion of real estate held for productive use, excluding land held for sale. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher

FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_Land Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation of additions or improvements to assets held under a lease arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_LeaseholdImprovementsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation of tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_MachineryAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7A + Details Name: us-gaap_PropertyPlantAndEquipmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of other physical assets used in the normal conduct of business to produce goods and services and not intended for resale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 64 R56.htm IDEA: XBRL DOCUMENT v3.24.2 Consolidated Balance Sheet Detail - Schedule of Accrued Liabilities (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Schedule of Accrued Liabilities [Line Items] Â Â Employee compensation $ 23,438 $ 16,660 Deferred revenue 14,001 10,287 Income taxes payable 573 6,814 Other 19,839 16,772 Total accrued liabilities $ 57,851 $ 50,533 X - DefinitionSchedule of Accrued Liabilities [Line Items] + ReferencesNo definition available. + Details Name: rgen_ScheduleOfAccruedLiabilitiesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all currently due domestic and foreign income tax obligations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccruedIncomeTaxesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DeferredRevenueCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses incurred but not yet paid classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 65 R57.htm IDEA: XBRL DOCUMENT v3.24.2 Convertible Senior Notes - Additional Information (Detail) 3 Months Ended 6 Months Ended 12 Months Ended Dec. 14, 2023 USD ($) Jul. 19, 2019 USD ($) $ / shares Jun. 30, 2024 USD ($) Days $ / shares Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) $ / shares Jun. 30, 2023 USD ($) Dec. 31, 2023 USD ($) Dec. 06, 2023 $ / shares Jul. 31, 2019 USD ($) Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Amortization of debt issuance costs Â Â $ 520,000 $ 457,000 $ 1,003,000 $ 914,000 Â Â Â 1.00% Convertible Senior Notes due 2028 Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued $ 290,100,000 Â Â Â Â Â Â Â Â Â Â Notes, interest rate Â Â 1.00% Â 1.00% Â Â Â Â Â Notes for cash 290,100,000 Â Â Â Â Â Â Â Â Â Â Unamortized debt issuance costs Â Â $ 7,542,000 Â $ 7,542,000 Â $ 8,400,000 Â Â Aggregate debt discount Â Â $ 74,733,000 Â $ 74,733,000 Â 81,457,000 Â Â Notes conversion ratio per $1,000 principal amount Â Â Â Â 4,924.7000 Â Â Â Â Notes initial conversion price | $ / shares Â Â $ 203.06 Â $ 203.06 Â Â Â Â Premium over sale price Â Â Â Â 30.00% Â Â Â Â Closing price of common stock | $ / shares Â Â Â Â Â Â Â Â $ 156.2 Â Interest repayment terms Â Â Â Â Interest is payable semi-annually in arrears on each of June 15 and December 15, which commenced on June 15, 2024 Â Â Â Â Notes, due date Â Â Â Â Dec. 15, 2028 Â Â Â Â Notes, carrying value Â Â $ 517,700,000 Â $ 517,700,000 Â 510,100,000 Â Â Fair value of the note Â Â 497,400,000 Â 497,400,000 Â 596,000,000 Â Â 1.00% Convertible Senior Notes due 2028 | Common Stock Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued Â Â 1,000 Â 1,000 Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Exchange And Subscription Agreements Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued 600,000,000 Â Â Â Â Â Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Subscription Transactions Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued 290,100,000 Â Â Â Â Â Â Â Â Â Â Proceeds from issuance of convertible senior notes, net of costs 276,100,000 Â Â Â Â Â Â Â Â Â Â Notes for cash 290,100,000 Â Â Â Â Â Â Â Â Â Â Payment of debt issuance costs 13,900,000 Â Â Â Â Â Â Â Â Proceeds from issuance of common stock, net of issuance costs 14,400,000 Â Â Â Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Exchanged 2019 Notes Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Loss on extinguishment of debt 29,600,000 Â Â Â Â Â 12,700,000 Â Â Debt instrument exchanged amount 217,700,000 Â Â Â Â Â Â Â Â Â Â Modification of debt 188,100,000 Â Â Â Â Â Â Â Â Â Â Unamortized debt issuance costs Â Â Â Â Â Â 100,000 Â Â 1.00% Convertible Senior Notes due 2028 | Modified 2019 Notes Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued Â Â 72,200,000 Â 72,200,000 Â 78,700,000 Â Â Unamortized debt issuance costs Â Â Â Â Â Â 7,700,000 Â Â Aggregate debt discount Â Â 74,700,000 Â 74,700,000 Â 81,500,000 Â Â Payment of debt issuance costs 6,200,000 Â Â Â Â Â Â Â Â Amortization of debt issuance costs 7,700,000 Â Â Â Â Â Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Modified 2019 Notes | Additional Paid-In Capital Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Conversion of Convertible Securities Stock Issued | value $ 2,800,000 Â Â Â Â Â Â Â Â Â Â 1.00% Convertible Senior Notes due 2028 | Modified 2019 Notes | Fair Value Of Embedded Conversion Option Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Conversion of Convertible Securities Stock Issued | value Â Â Â Â Â $ 2,500,000 Â 2,800,000 Â Â Â 1.00% Convertible Senior Notes due 2028 | 2023 Notes Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes redemption price Â Â Â Â Â 100.00% Â Â Â Â Notes, carrying value Â Â 517,700,000 Â $ 517,700,000 Â 510,100,000 Â Â 0.375% Convertible Senior Notes due 2024 Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued Â $ 287,500,000 69,500,000 Â 69,500,000 Â 69,700,000 Â $ 287,500,000 Notes, interest rate Â 0.375% Â Â Â Â Â Â Â Proceeds from issuance of convertible senior notes, net of costs Â $ 278,500,000 Â Â Â Â Â Â Â Â Â Â Unamortized debt issuance costs Â Â 23,000 Â 23,000 Â 248,000 Â Â Notes conversion ratio per $1,000 principal amount Â 8.6749 Â Â Â Â Â Â Â Â Notes initial conversion price | $ / shares Â $ 115.28 Â Â Â Â Â Â Â Â Â Subsequent to conversion Â Â Â 200,000 Â $ 200,000 Â Â Â Â Interest repayment terms Â Â Â Â Interest is payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020. Â Â Â Â Â Notes, due date Â Â Â Â Jul. 15, 2024 Â Â Â Â Â Notes, carrying value Â Â 69,500,000 Â $ 69,500,000 Â 69,500,000 Â Â Fair value of the note Â Â 82,600,000 Â 82,600,000 Â 109,800,000 Â Â Additional Notes issued Â $ 37,500,000 Â Â Â Â Â Â Â Â Debt instrument amount convertible into equity Â Â $ 300,000 Â $ 300,000 Â Â Â Â Debt Instrument, Convertible, Threshold Trading Days | Days Â Â 20 Â Â Â Â Â Â Â Debt Instrument, Convertible, Threshold Consecutive Trading Days | Days Â Â 30 Â Â Â Â Â Â Â Notes threshold percentage of stock price trigger Â Â 130.00% Â Â Â Â Â Â Â 0.375% Convertible Senior Notes due 2024 | Common Stock Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued Â $ 1,000 Â Â Â Â Â Â Â 0.375% Convertible Senior Notes due 2024 | Exchange Transaction Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Notes issued Â Â Â Â Â Â $ 69,700,000 Â Â X - DefinitionAmortization of debt issuance cost. + ReferencesNo definition available. + Details Name: rgen_AmortizationOfDebtIssuanceCost Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDebt instrument convertible into equity. + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentConvertibleIntoEquity Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDebt Instrument Exchanged Amount + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentExchangedAmount Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDebt instrument issued for cash. + ReferencesNo definition available. + Details Name: rgen_DebtInstrumentIssuedForCash Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionModification of debt. + ReferencesNo definition available. + Details Name: rgen_ModificationOfDebt Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionOption to purchase additional debt face amount. + ReferencesNo definition available. + Details Name: rgen_OptionToPurchaseAdditionalDebtFaceAmount Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSubsequent to the conversion. + ReferencesNo definition available. + Details Name: rgen_SubsequentToTheConversion Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe price per share of the conversion feature embedded in the debt instrument. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-5 + Details Name: us-gaap_DebtInstrumentConvertibleConversionPrice1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionRatio applied to the conversion of debt instrument into equity with equity shares divided by debt principal amount. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-7Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-6 + Details Name: us-gaap_DebtInstrumentConvertibleConversionRatio1 Namespace Prefix: us-gaap_ Data Type: xbrli:pureItemType Balance Type: na Period Type: duration X - DefinitionThreshold period of specified consecutive trading days within which common stock price to conversion price of convertible debt instrument must exceed threshold percentage for specified number of trading days to trigger conversion feature. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentConvertibleThresholdConsecutiveTradingDays1 Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionMinimum percentage of common stock price to conversion price of convertible debt instruments to determine eligibility of conversion. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentConvertibleThresholdPercentageOfStockPriceTrigger Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThreshold number of specified trading days that common stock price to conversion price of convertible debt instruments must exceed threshold percentage within a specified consecutive trading period to trigger conversion feature. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentConvertibleThresholdTradingDays Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -

Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe average effective interest rate during the reporting period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentInterestRateDuringPeriod Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionDescription of the interest rate as being fixed or variable, and, if variable, identification of the index or rate on which the interest rate is based and the number of points or percentage added to that index or rate to set the rate, and other pertinent information, such as frequency of rate resets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DebtInstrumentInterestRateTerms Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDate when the debt instrument is scheduled to be fully repaid, in YYYY-MM-DD format. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentMaturityDate Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionPercentage price of original principal amount of debt at which debt can be redeemed by the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 470 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3 + Details Name: us-gaap_DebtInstrumentRedemptionPricePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount, after accumulated amortization, of debt discount. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DebtInstrumentUnamortizedDiscount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated amortization, of debt issuance costs. Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DeferredFinanceCostsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_LongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LongTermDebtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from the issuance of a long-term debt instrument which can be exchanged for a specified amount of another security, typically the entity's common stock, at the option of the issuer or the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromConvertibleDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from the additional capital contribution to the entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe gross value of stock issued during the period upon the conversion of convertible securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic

10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueConversionOfConvertibleSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_DebtInstrumentAxis=rgen_OnePointZeroZeroPercentConvertibleSeniorNotesDueTwentyTwentyEightMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_ExchangeAndSubscriptionAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_SubscriptionTransactionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_ExchangedTwoZeroOneNineNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_ModifiedTwoZeroOneNineNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AdditionalPaidInCapitalMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=rgen_FairValueOfEmbeddedConversionOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_TwoZeroTwoThreeNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_ZeroPointThreeSevenFivePercentConvertibleSeniorNotesDueTwentyTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_ExchangeTransactionMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R58.htm IDEA: XBRL DOCUMENT v3.24.2 Convertible Senior Notes - Convertible Debt (Detail) - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Dec. 14, 2023 Debt Instrument [Line Items] Â Â Â Total convertible senior notes $ 517,725 $ 510,143 Â 1.00% Convertible Senior Notes due 2028 Â Â Â Debt Instrument [Line Items] Â Â Â Principal amount 600,000 600,000 $ 309,900 Unamortized debt discount (74,733) (81,457) Â Unamortized debt issuance costs (7,542) (8,400) Â Total convertible senior notes 517,725 510,143 Â 0.375% Convertible Senior Notes due 2024 Â Â Â Debt Instrument [Line Items] Â Â Â Principal amount 69,504 69,700 $ 217,700 Unamortized debt issuance costs (23) (248) Â Total convertible senior notes $ 69,481 $ 69,452 Â X - DefinitionConvertible senior notes. + ReferencesNo definition available. + Details Name: rgen_ConvertibleSeniorNotes Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount of long-term convertible debt as of the balance sheet date, net of the amount due in the next twelve months or greater than the normal operating cycle, if longer. The debt is convertible into another form of financial instrument, typically the entity's common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_DebtInstrumentCarryingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after accumulated amortization, of debt discount. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A - Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DebtInstrumentUnamortizedDiscount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated amortization, of debt issuance costs. Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A - Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DeferredFinanceCostsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=rgen_OnePointZeroZeroPercentConvertibleSeniorNotesDueTwentyTwentyEightMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_ZeroPointThreeSevenFivePercentConvertibleSeniorNotesDueTwentyTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 67 R59.htm IDEA: XBRL DOCUMENT v3.24.2 Convertible Senior Notes - Schedule of convertible note interest expense (Details) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Debt Instrument [Line Items] Â Â Â Â Amortization of debt discount Â Â $ 7,727 $ 914 2023 Notes Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Contractual interest expense $ 1,500 Â 3,000 Â Amortization of debt discount 3,398 Â 6,724 Â Amortization of debt issuance costs 408 Â 815 Â Total $ 5,306 Â $ 10,539 Â Effective interest rate of the liability component 4.39% Â 4.39% Â 2019 Notes Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Contractual interest expense $ 65 $ 269 $ 130 539 Amortization of debt issuance costs 112 457 224 914 Total $ 177 $ 726 $ 354 $ 1,453 Effective interest rate of the liability component 1.00% 1.00% 1.00% 1.00% X - DefinitionAmount of noncash expense included in interest expense to amortize debt discount and premium associated with the related debt instruments. Excludes amortization of financing costs. Alternate captions include noncash interest expense. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3 + Details Name: us-gaap_AmortizationOfDebtDiscountPremium Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of amortization expense attributable to debt issuance costs. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3 + Details Name: us-gaap_AmortizationOfFinancingCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEffective interest rate for the funds borrowed under the debt agreement considering interest compounding and original issue discount or premium. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-6 + Details Name: us-gaap_DebtInstrumentInterestRateEffectivePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of the cost of borrowed funds accounted for as interest expense for debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-6 + Details Name: us-gaap_InterestExpenseDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRepresents the portion of interest incurred in the period on debt arrangements that was charged against earnings, excluding amortization of debt discount (premium) and financing costs. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1F + Details Name: us-gaap_InterestExpenseDebtExcludingAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_TwoZeroTwoThreeNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShortTermDebtTypeAxis=rgen_TwoZeroTwoNineteenNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 68 R60.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Additional Information (Detail) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended 6 Months Ended Sep. 01, 2024 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Jun. 28, 2024 Jun. 13, 2024 Apr. 30, 2024 Mar. 31, 2024 Dec. 31, 2023 Dec. 31, 2018 Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Aggregate intrinsic value of stock options exercised Â Â Â $ 2,600 $ 700 Â Â Â Â Â Â Â Weighted average grant date fair value of share-based awards granted Â Â Â $ 93.65 $ 86.3 Â Â Â Â Â Â Â Weighted average grant date fair value of restricted stock units granted Â Â Â $ 188.57 Â Â Â Â Â Â Â Total unrecognized compensation cost Â $ 73,300 Â $ 73,300 Â Â Â Â Â Â Â Unrecognized compensation cost, weighted average remaining requisite service period Â Â Â 2 years 7 months 2 days Â Â Â Â Â Â Â Number of unvested options and restricted stock units Â 2,267,696 Â 2,267,696 Â Â Â Â Â Â Â Forfeited portion of grants [1] Â Â Â 22,027 Â Â Â Â Â Â Â Share recalculated value Â Â Â Â Â Â Â $ 136 Â Â Â Â Stock-based compensation expense Â $ 9,214 $ 5,483 $ 17,990 $ 12,737 Â Â Â Â Â Â Common stock, shares issued Â 55,902,860 Â 55,902,860 Â Â Â Â Â 55,766,078 Â Scenario Forecast Â Â Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Stock-based compensation expense $ 22,400 Â Â Â Â Â Â Â Â Â Â Â FlexBiosys Â Â Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Common stock, shares issued Â Â Â Â Â Â Â Â 2,770 Â Â Earnout consideration earned Â Â Â Â Â Â Â Â Â Â Â 20.00% Â Â Avitide Â Â Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Common stock, shares issued Â Â Â Â Â Â Â 28,638 Â Â Â Earnout consideration earned Â Â Â Â Â Â Â 50.00% Â Â Â 2018 Plan Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Common stock shares reserved for Issuance Â Â Â Â Â Â Â Â Â Â 2,778,000 Incentive options, vesting period Â 1,523,889 Â 1,523,889 Â Â Â Â Â Â Â Unvested Options Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Incentive options, vesting period Â Â Â 5 years Â Â Â Â Â Â Â Restricted Stock Units and Performance Stock Units Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Aggregate intrinsic value of restricted stock units vested Â Â Â $ 23,500 $ 29,600 Â Â Â Â Â Â Â Weighted average grant date fair value of restricted stock units granted Â Â Â $ 188.57 $ 176.86 Â Â Â Â Â Â Â Restricted Stock Unit Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Closing price of common stock Â Â Â Â Â Â $ 126.06 Â Â Â Â Â Â 2024 Grants Â Â Â Â Â Â Â Â Â Â Â Stockholders Equity Note Disclosure [Line Items] Â Â Â Â Â Â Â Â Â Â Â Forfeited portion of grants Â Â Â 32,776 Â Â Â Â Â Â Â Stock-based compensation expense Â $ 4,400 Â $ 4,400 Â Â Â Â Â Â Â [1] Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under â€œChief Executive Officer Accounting Modificationsâ€. X - DefinitionEarnout consideration earned. + ReferencesNo definition available. + Details Name: rgen_EarnoutConsiderationEarned Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionShare-based Compensation Arrangement by Share-based Payment Award, Options and Equity Instruments Other Than Options, Nonvested, Number of Shares + ReferencesNo definition available. + Details Name: rgen_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsAndEquityInstrumentsOtherThanOptionsNonvestedNumberOfShares Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionStockholders Equity Note Disclosure [Line Items] + ReferencesNo definition available. + Details Name: rgen_StockholdersEquityNoteDisclosureLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAggregate number of common shares reserved for future issuance. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockCapitalSharesReservedForFutureIssuance Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount of cost not yet recognized for nonvested award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPeriod over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAgreed-upon price for the exchange of the underlying asset relating to the share-based payment award. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount of accumulated difference between fair value of underlying shares on dates of exercise and exercise price on options exercised (or share units converted) into shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisesInPeriodTotalIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average grant-date fair value of options granted during the

reporting period as calculated by applying the disclosed option pricing methodology. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionIntrinsic value of vested award under share-based payment arrangement. Excludes share and unit options. + ReferencesNo definition available. + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsAggregateIntrinsicValueVested Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: srt_StatementScenarioAxis=srt_ScenarioForecastMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_FlexbiosysIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=rgen_AvitideLlcMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=rgen_StockOptionAndIncentivePlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rgen_UnvestedOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rgen_RestrictedStockAndPerformanceStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rgen_TwoThousandTwentyFourGrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R61.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Stock-Based Compensation Expense (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Stock-based compensation $ 9,214 $ 5,483 $ 17,990 $ 12,737 Cost of goods sold Â Â Â Â Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Stock-based compensation 498 522 1,102 1,113 Research and development Â Â Â Â Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Stock-based compensation 503 608 1,447 1,395 Selling, general and administrative Â Â Â Â Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Stock-based compensation [1] $ 8,213 $ 4,353 $ 15,441 $ 10,229 [1] Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above. X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R62.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Stock-Based Compensation Expense (Parenthetical) (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 2024 Grants | Selling, general and administrative Â Â Employee Service Share-based Compensation, Allocation of Recognized Period Costs [Line Items] Â Â Stock-based compensation expense related to the equity modification $ 4.4 $ 4.4 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of noncash expense for option under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_StockOptionPlanExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=rgen_TwoThousandTwentyFourGrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 71 R63.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Summary of Option Activity (Detail) $ / shares in Units, $ in Thousands 6 Months Ended Jun. 30, 2024 USD ($) $ / shares shares Options Outstanding Â Options outstanding at December 31, 2023 | shares 649,130 Granted | shares | shares 60,736 Exercised | shares | shares (26,661) Forfeited/expired/cancelled | shares (22,027) [1] Options outstanding at June 30, 2024 /Shares | shares 661,178 Options exercisable at June 30, 2024 | shares | shares 413,411 Vested and expected to vest at June 30, 2024 | shares | shares 655,251 [2] Weighted-Average Exercise Price Per Share Â Options outstanding at December 31, 2023 | $ / shares $ 85.97 Granted | $ / shares 184.66 Exercised | $ / shares 67.08 Forfeited/expired/cancelled | $ / shares 192.07 [1] Options outstanding at June 30, 2024 | $ / shares 92.26 Options exercisable at June 30, 2024 | $ / shares 74.55 Vested and expected to vest at June 30, 2024 | $ / shares $ 91.51 [2] Weighted-Average Remaining Contractual Term (in years) Â Vested and expected to vest at June 30, 2024 5 years 4 months 28 days [2] Aggregate Intrinsic Value Â Vested and expected to vest at June 30, 2024 | $ $ 35,463 [2] [1] Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under â€œChief Executive Officer Accounting Modificationsâ€. [2] Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. X - DefinitionShare-based Compensation Arrangement by Share-based Payment Award, Options, Aggregate Intrinsic Value [Abstract] + ReferencesNo definition available. + Details Name: rgen_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAggregateIntrinsicValueAbstract Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares into which fully or partially vested stock options outstanding as of the balance sheet date can be currently converted under the option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe weighted-average price as of the balance sheet date at which grantees can acquire the shares reserved for issuance on vested portions of options outstanding and currently exercisable under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price of options that were either forfeited or expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNet number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of fully vested and expected to vest options outstanding that can be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which option holders acquired shares when converting their stock options into shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExercisesInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average per share amount at which grantees can acquire shares of common stock by exercise of options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest options outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -

Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 72 R64.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Summary of Option Activity (Parenthetical) (Detail) 6 Months Ended Jun. 30, 2024 shares Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Forfeited portion of grants 22,027 [1] 2024 Award Amendment Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Forfeited portion of grants 13,057 Employee Stock Option | Awards Granted to Non-Executive Level Employees Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Estimated forfeiture rates 8.00% Employee Stock Option | Awards Granted to Executive Level Employees Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Estimated forfeiture rates 3.00% [1] Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under â€œChief Executive Officer Accounting Modificationsâ€. X - DefinitionPercentage of shares subject to forfeiture. + ReferencesNo definition available. + Details Name: rgen_PercentageOfSharesSubjectToForfeiture Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_PlanNameAxis=rgen_TwoThousandTwentyFourAwardAmendmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rgen_NonExecutiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=srt_ExecutiveOfficerMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 73 R65.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Summary of Restricted Stock Unit Activity (Detail) 6 Months Ended Jun. 30, 2024 $ / shares shares Options Outstanding Â Unvested at December 31, 2023 | shares 474,320 Awarded | shares 178,252 Vested | shares (125,820) Forfeited/cancelled | shares (69,442) [1] Unvested at June 30, 2024 | shares 457,310 Vested and expected to vest at June 30, 2024 | shares 397,312 [2] Weighted Average Grant Date Fair Value Â Weighted Average, Unvested at December 31,2023 | $ / shares $ 155.59 Weighted Average, Awarded | $ / shares 188.57 Weighted Average, Vested | $ / shares 143.87 Weighted Average, Forfeited/Cancelled | $ / shares 189.15 [1] Weighted Average, Unvested at June 30, 2024 | $ / shares 166.59 Weighted Average, Vested and expected to vest at June 30, 2024 | $ / shares $ 164.77 [2] [1] Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under â€Chief Executive Officer Accounting Modificationsâ€. [2] Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. X - DefinitionShare Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Vested And Expected To Vest Number + ReferencesNo definition available. + Details Name: rgen_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedAndExpectedToVestNumber Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionShare based compensation arrangement by share based payment award equity instruments other than options vested and expected to vest outstanding weighted average grant date fair value. + ReferencesNo definition available. + Details Name: rgen_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedAndExpectedToVestOutstandingWeightedAverageGrantDateFairValue Namespace Prefix: rgen_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsAdditionalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration XML 74 R66.htm IDEA: XBRL DOCUMENT v3.24.2 Stockholders' Equity - Summary of Restricted Stock Unit Activity (Parenthetical) (Detail) 6 Months Ended Jun. 30, 2024 shares Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Forfeited 69,442 [1] Restricted Stock Units and Performance Stock Units | Awards Granted to Non-Executive Level Employees Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Estimated forfeiture rates 8.00% Restricted Stock Units and Performance Stock Units | Awards Granted to Executive Level Employees Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Estimated forfeiture rates 3.00% Restricted Stock Unit | 2024 Award Amendment Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Forfeited 13,146 Performance Stock Units | 2024 Award Amendment Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Forfeited 6,573 [1] Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under â€Chief Executive Officer Accounting Modificationsâ€. X - DefinitionPercentage of shares subject to forfeiture. + ReferencesNo definition available. + Details Name: rgen_PercentageOfSharesSubjectToForfeiture Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -

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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher 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https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=rgen_RestrictedStockAndPerformanceStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rgen_NonExecutiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=srt_ExecutiveOfficerMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=rgen_TwoThousandTwentyFourAwardAmendmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rgen_PerformanceStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 75 R67.htm IDEA: XBRL DOCUMENT v3.24.2 Commitments and Contingencies - Additional Information (Detail) - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 NGL Impact A [Member] | Research and Development Arrangement [Member] Â Â Â Â Commitments and Contingencies [Line Items] Â Â Â Â Royalty payments $ 0.9 $ 1.2 $ 1.7 $ 2.3 X - DefinitionCommitments and Contingencies [Line Items] + ReferencesNo definition available. + Details Name: rgen_CommitmentsAndContingenciesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense related to royalty payments under a contractual arrangement such as payment for mineral and drilling rights and use of technology or intellectual property. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_RoyaltyExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: srt_ProductOrServiceAxis=rgen_NGLImpactAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LongTermPurchaseCommitmentByCategoryOfItemPurchasedAxis=us-gaap_ResearchAndDevelopmentArrangementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 76 R68.htm IDEA: XBRL DOCUMENT v3.24.2 Income Taxes - Additional Information (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2021 Income Taxes [Line Items] Â Â Â Â Â Income tax (benefit) provision $ 1,861 $ 5,096 $ 1,881 $ 12,359 Â Effective tax rate 35.90% 20.30% 25.80% 20.20% Â Inflation Reduction Act Of Two Thousand Twenty Two [Member] Â Â Â Â Â Income Taxes [Line Items] Â Â Â Â Â Percentage of alternative minimum tax Â Â Â Â 15.00% X - DefinitionIncome Taxes [Line Items] + ReferencesNo definition available. + Details Name: rgen_IncomeTaxesLineItems Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage Of Current Federal Tax Expense Benefit + ReferencesNo definition available. + Details Name: rgen_PercentageOfCurrentFederalTaxExpenseBenefit Namespace Prefix: rgen_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeTaxAuthorityAxis=rgen_InflationReductionActOfTwoThousandTwentyTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 77 R69.htm IDEA: XBRL DOCUMENT v3.24.2 Earnings Per Share - Additional Information (Detail) - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Dec. 14, 2023 Jul. 31, 2019 Jul. 19, 2019 Common stock excluded from calculation of diluted earnings per share 479,482 456,315 358,633 400,909 Â Â Â Â Dilutive effect on shares of conversion premium 159,494 700,941 201,917 796,601 Â Â Â Â Denominator for diluted earnings per share - adjusted weighted average shares used in computing earnings per share - diluted 56,434 56,858 56,477 56,932 Â Â Â Â 1.00% Convertible Senior Notes due 2028 Â Â Â Â Â Â Â Â Principal amount Â Â Â Â Â $ 290,100 Â Â Principal amount $ 600,000 Â $ 600,000 Â $ 600,000 309,900 Â Â Cash Â Â Â Â Â Â 290,100 Â Â 0.375% Convertible Senior Notes due 2024 Â Â Â Â Â Â Â Â Principal amount 69,500 Â 69,500 Â 69,700 Â $ 287,500 $ 287,500 Principal amount 69,504 Â 69,504 Â $ 69,700 $ 217,700 Â Â Subsequent to conversion $ 200 Â $ 200 Â Â Â Â Â X - DefinitionDilutive effect on shares of conversion premium. + ReferencesNo definition available. + Details Name: rgen_DilutiveEffectOnSharesOfConversionPremium Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionSubsequent to the conversion. + ReferencesNo definition available. + Details Name: rgen_SubsequentToTheConversion Namespace Prefix: rgen_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477796/946-210-45-21Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 210 -Topic 946 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477796/946-210-45-20 + Details Name: us-gaap_Cash Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_DebtInstrumentCarryingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4:

http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DebtInstrumentAxis=rgen_OnePointZeroZeroPercentConvertibleSeniorNotesDueTwentyTwentyEightMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_ZeroPointThreeSevenFivePercentConvertibleSeniorNotesDueTwentyTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 78 R70.htm IDEA: XBRL DOCUMENT v3.24.2 Earnings Per Share - Reconciliation of Basic and Diluted Shares Amounts (Detail) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Numerator Â Â Â Â Net Income (Loss) $ 3,321 $ 20,064 $ 5,415 $ 48,893 Denominator Â Â Â Â Weighted average shares used in computing net income per share - basic 55,884 55,705 55,838 55,648 Effect of dilutive shares Â Â Â Â Options and stock units 391 451 437 487 Convertible Senior Notes [1] 159 701 202 797 Dilutive effect of unvested performance stock units 0 1 0 1 Dilutive potential common shares 550 1,153 639 1,284 Denominator for diluted earnings per share - adjusted weighted average shares used in computing earnings per share - diluted 56,434 56,858 56,477 56,932 Earnings per share: Â Â Â Â Basic $ 0.06 $ 0.36 $ 0.1 $ 0.88 Diluted $ 0.06 $ 0.35 $ 0.1 $ 0.86 [1] Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information. X - DefinitionDilutive securities effect on basic earnings per share convertible senior notes. + ReferencesNo definition available. + Details Name: rgen_DilutiveSecuritiesEffectOnBasicEarningsPerShareConvertibleSeniorNotes Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionDilutivesharesAbstract + ReferencesNo definition available. + Details Name: rgen_DilutiveSharesEffectOnBasicEarningsPerShareAbstract Namespace Prefix: rgen_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average number of shares dilutive effect of unvested performance stock units. + ReferencesNo definition available. + Details Name: rgen_WeightedAverageNumberOfSharesDilutiveEffectOfUnvestedPerformanceStockUnits Namespace Prefix: rgen_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B 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Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of restricted stock determined by relating the portion of time within a reporting period that restricted shares have been outstanding to the total time in that period. Restricted shares are subject to sales, contractual, regulatory or other restrictions that prevent or inhibit the holder from freely disposing of them before the restriction ends. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-13 + Details Name: us-gaap_WeightedAverageNumberOfSharesRestrictedStock Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 79 R71.htm IDEA: XBRL DOCUMENT v3.24.2 Related Party Transactions - Additional Information (Detail) - Principal Owner - USD ($) $ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Related Party Transaction [Line Items] Â Â Â Â Â Rental expense $ 0.2 $ 0.2 $ 0.4 $ 0.4 Minimum | Spectrum Inc. Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Non controlling ownership interest minimum 5.00% Â 5.00% Â X - DefinitionThe equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionCash payments to lessor's for use of assets under operating leases. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PaymentsForRent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_RelatedPartyTransactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_PrincipalOwnerMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=rgen_SpectrumIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 80 R72.htm IDEA: XBRL DOCUMENT v3.24.2 Segment Reporting - Additional Information (Detail) $ in Thousands 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 USD ($) Jun. 30, 2023 USD ($) Jun. 30, 2024 USD ($) Segment Jun. 30, 2023 USD ($) Dec. 31, 2023 Number of operating segments | Segment Â Â 1 Â Â Accounts receivable, percentage by customer 100.00% 100.00% 100.00% 100.00% Â Revenue $ 154,073 $ 159,169 $ 305,419 $ 341,829 Â Sales Revenue Â Â Â Â Â Revenue $ 0 Â $ 0 Â Â Customer Concentration Risk | Accounts Receivable [Member] | Novo Nordisk A/S [Member] Â Â Â Â Â Accounts receivable, percentage by customer Â Â 11.60% Â Â Customer Concentration Risk | Accounts Receivable [Member] | Customer Number One [Member] Â Â Â Â Â Accounts receivable, percentage by customer Â Â Â Â 10.00% Customer Concentration Risk | Total Trade Accounts Receivable Royalties And Other Receivables | Customer Number One [Member] Â Â Â Â Â Accounts receivable, percentage by customer Â Â 10.00% Â Â Customer Concentration Risk | Minimum [Member] | Sales Revenue Â Â Â Â Â Accounts receivable, percentage by customer 10.00% Â 10.00% Â Â X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionNumber of operating segments. An operating segment is a component of an enterprise: (a) that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the same enterprise), (b) whose operating results are regularly reviewed by the enterprise's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and (c) for which discrete financial information is available. An operating segment may engage in business activities for which it has yet to earn revenues, for example, start-up operations may be operating segments before earning revenues. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfOperatingSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rgen_NovoNordiskASMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rgen_CustomerNumberOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=rgen_TotalTradeAccountsReceivableRoyaltiesAndOtherReceivablesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 81 R73.htm IDEA: XBRL DOCUMENT v3.24.2 Segment Reporting - Percentage of Revenue by Geographic Area (Detail) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Concentration Risk [Line Items] Â Â Â Â Revenues, percentage by country 100.00% 100.00% 100.00% 100.00% Geographic Concentration Risk | Total Revenue | North America Â Â Â Â Concentration Risk [Line Items] Â Â Â Â Revenues, percentage by country 50.00% 46.00% 50.00% 42.00% Geographic Concentration Risk | Total Revenue | Europe Â Â Â Â Concentration Risk [Line Items] Â Â Â Â Revenues, percentage by country 36.00% 36.00% 34.00% 37.00% Geographic Concentration Risk | Total Revenue | APAC/Other Â Â Â Â Concentration Risk [Line Items] Â Â Â Â Revenues, percentage by country 14.00% 18.00% 16.00% 21.00% X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 310 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478785/954-310-50-2 + Details Name: us-gaap_ConcentrationRiskLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_GeographicConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=srt_NorthAmericaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=srt_EuropeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=rgen_ApacOtherMember Namespace Prefix: Data Type: na Balance Type: Period

Type: XML 82 R74.htm IDEA: XBRL DOCUMENT v3.24.2 Subsequent Event - Additional Information (Detail) - Subsequent Event - 0.375% Convertible Senior Notes due 2024 $ in Millions Jul. 15, 2024 USD ($) shares Subsequent Event [Line Items] Â Amount paid in cash for coversion | $ $ 69.6 Number of shares issued for excess conversion premium | shares 100,942 X - DefinitionThe value of the stock converted in a noncash (or part noncash) transaction. Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_ConversionOfStockAmountConverted1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe number of new shares issued in the conversion of stock in a noncash (or part noncash) transaction. Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_ConversionOfStockSharesIssued1 Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionDetail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=rgen_ZeroPointThreeSevenFivePercentConvertibleSeniorNotesDueTwentyTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 83 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 ( ):(_E@'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\IQO;=!P4)B0-!2L+ (/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(_C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " "6B/Y8[9".D^\ K @ $0 &1O8U!R;W!S+V-O&ULS9)1 M2\,P$,>_BN2]O30=*J'KBV-/"H(#Q;>0W+9@DX;DI-VW-ZU;A^@\'#%W__SN M=W"-#E+W$9]C'S"2Q70SNLXGJ<.:'8F"!$CZB$ZE,B=\;N[[Z!3E9SQ 4/I# M'1 $Y[?@D)11I& "%F$ALK8Q6NJ(BOIXQAN]X,-G[&:8T8 =.O24H"HK8.TT M,9S&KH$K8((11I>^"V@6XES]$SMW@)V38[)+:AB&GQY=YW<+Z M1,IKS+^2E70*N&:7R_UPV:W9:W@8E7PNZ+F.U%)OI+B&GUR_>%W%7:]L7O[MCXTO@FT#O^ZB_0)02P,$% @ EHC^6)E&UL[5I;<]HX%'[OK]!X9_9M"\8V@;:T$W-I=MNTF83M M3A^%$5B-;'EDD81_OTV23;J;/ 0LZ?O.14?GZ#AY\^XN8NB&B)3R M> +]O6N[!3+ MUES@6QHO(];JM-O=5H1I;*$81V1@?5XL:$#05%%:;U\@M.4?,_@5RU2-9:,! M$U=!)KF(M/+Y;,7\VMX^9<_I.ATR@6XP&U@@?\YOI^1.6HCA5,+$P&IG/U9K MQ]'22("'R7V4!;I)]J/3%0@R#3LZG5C.=GSVQ.V?C,K:=#1M&N#C\7@XMLO2 MBW A(5M>5 TR M6'!VULS2 Y9>*?IUE!K9';O=05SP6.XYB1'^QL4$UFG2&98T1G*=D 4. #?$ MT4Q0?*]!MHK@PI+27)#6SRFU4!H(FLB!4>"(<7K;YH] M5Z%82=J$^'!!&&N*<<^9ST6S[!Z5&T?95O-RCEU@5 9<8WS2J-2S%UGB5P/&M MG#P=$Q+-E L&08:7)"82J3E^34@3_BNEVOZKR2.FJW"$2M"/F(9 M-AIRM1:!MG&IA&!:$L;1>$[2M!'\6:PUDSY@R.S-D77.UI$.$9)>-T(^8LZ+ MD!&_'H8X2IKMHG%8!/V>7L-)P>B"RV;]N'Z&U3-L+([W1]072N0/]J<_Z3(T M!Z.:60F]A%9JGZJ'-#ZH'C(*!?&Y'C[E>G@*-Y;&O%"N@GL!_]':-*K^(+ M.7\N?<^E[[GT/:'2MSAD6R4)RU3393>* M$IY"&V[I4_5*E=? EK[DHN#Q;Y.FOH70^+, Y/%_GM,T+,T.WF)&Y M"M-2D&_#^>G%>!KB.=D$N7V85VWGV-'1^^?!4;"C[SR6'<>(\J[A{J&&F,_# M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8"V@!X.O40+R4E5@,5O& RN0 MHGQ,C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-GJ\K>9;'!51W/55OR ML+YJ/;053B.^6:W(GPP13A8+$DACE!>F2J+S&5.^YRM)Q%4XOT4SMA*7&+SC MYL=Q3E.X$G:V#P(RN;LYJ7IE,6>F\M\M# DL6XA9$N)-7>W5YYNTB42%(JP# 4A M%W+C[^^3:G>,U_HL@6V$5#)DU1?*0XG!/3-R0]A4)?.NVB8+A=OB5,V[&KXF M8$O#>FZ=+2?_VU[4/;07/4;SHYG@'K.' MYA,L0Z1^P7V*BH 1JV*^NJ]/^26<.[1(\8$@F_S6VZ3VW> ,? -2K6J5D*Q$_ M2P=\'Y(&8XQ;]#1?CQ1BK::QK<;:,0QY@%CS#*%F.-^'19H:,]6+K#F-"F]! MU4#E/]O4#6CV#30,9FV-J/D3@H\W/[O#;#"Q([A[8N_ 5!+ P04 M" "6B/Y8Y"'ONLH% #4'@ & 'AL+W=OB2F#E.*>]^ MCT-(N)/SP*)+I;Y]7SCC^W'_CH>;*3ZDJR$T.0M"N/DNK72>OVNTTF\E8AX M('D8B30,9$B<5U M:T3?C5UF K(G_@S$)CDX)@9E+N47<_+@7[<<4R(1"D\;"0[_7L58A*%1@G+\ MFXNVBG>:P,/CO?I]!@\P7;BHWOXH$Y87U;^%?%<8M*QKV"[!6P74Q^.($E]^-7D/N1+&RH> MO^!A(FQ0:%A-J%X!U4,+=2N]-&-ZV:YMA;O!PZG3_FA#0J-J(O4+I/Y12/=! MXO&0?!94I,\Q$9=0^LH]45!??&_J"="!=*OYL;5/C(;'QI3 MD^^RX+M$2W07ZT!OR1@0%>]P(#Z1GX76QL;KN3 SX7KL LK(QI;D_&]8+Q" M2S9.E?JVX\+,06 "L^8FKM9N4]9VJ0T2#:P)29UR9G5.ZZIY\4OCT@5\V'E MA(@+U&4]R=10D."-N%U:&EV*.Y6\@:=BF5@S!WTW6<>V5,4%YK>31X?WM\]D_&' MZ<0*VH3_H:4!HKB%R4%-2RHRAF%H*95U5CFB\\@5K!5&G@80G-:N9HP0+1T0!0W+2^!AFR4"T+93_.? M29ZJ]K;$E<8RBF I/=/2^V(%;<()T=(*4=S![,G(W9NWXC%TN\K1[/; MD=7 XX%U"4LC1''O4DPGGE0P8W+S9>,LFS.A@2%-90HV$*95Z=NQQHW,+TVF=8/#@NKRE,V(G M..1[X-Z>D ?0^!2W2 M>:+D:Q![]B;'-9]&5M FO!,KO1,[R3L5H!.9:%C/_16L*T>L(XJPN.FY5M(F MS!,KS1/#34_65T=*\&HP7.#BTKI Q:/J8I4.B>$<)V_V4J$(9!%:QY;;<01 MFU$DU-*@+2%4 MKU!"7*F:L F/Q$]/Q' 7\RBS[WPK&6-+T",B6:>T'4KM2=B$(7)+0^2>^)GH M8\J5%BKW4YZ+P>,G8.]@W-.))MIR8PAL"R8[>%6%PMMFQ'V49EIWQ\M]_Q,TPE)!0 M+"#4.;^ UZO=%NKN1,MUM@LYEUK+*#M<">X+91Z ^PLI]?[$O*#8R![^!U!+ M P04 "6B/Y8*0_RND8' !7'P & 'AL+W=O2Q0>G0%ZTD>WCZ7_4\7Y'ZOQ1UE^:M1 *?2V+JKF8K)7:O)O- MFFPMRK1Y*S>B@E_N95VF"C[6#[-F4XMTU0TJBQG%.)R5:5Y-YN?==[?U_%RV MJL@K<5NCIBW+M'[Z(KY>#$AD^+^8G))WBU8H@=T%G_GXK$97",=RIV47_2'CZN+"=:*1"$RI5VD M\&_>Z>1P3SUP>/WL_> CF+FW$0A; Y"NUOIC$$[02]VE; MJ#_EXZ]B'Q#7_C)9-- W_Z'%OBRYO^G4_$8,!)' ,H/L! M]*4#V'X ZP+=*>O"NDI5.C^OY2.JM35XTQ?=W'2C(9]\TH]QJ6KX-8=Q:K[X M=-U?;.\OD)PM?ST^\>KR_PX(HHIH%E^,(__$ID,)QT MP]GQ\!E$? @B?'L*GG3_F"K^M:U$IE#:-4,T[6SP[!X'=@5YE[YI-FHF+"2RC M1M1;,9E__QT)\7M;=*_D["A6=HB5^;S/%VFS1O#44*8OQ+]MODT+"-[Z%'>N MPLZ5+@7;>8P3$H3GL^TP'M,LXH3I1[.U* T.2@.OTLLLDRT(@SJ1"5!Y5X@I MJ]"FR7NTGY=&7Y^1:4Q9%),9G1)*4:H09)@X9%CW&R2-*.]$?4B_T\4%/C^$S[WA?ZRV\%ADG8NF"]LFD)MW3C"G M\4B@:;;CIPZ!X4%@Z'\^W6I!:U&L$) $-9!'-I&A*1*3<0J91MBN+CJHB[SJ M;FNQ2?,5$E^!=0UDBLX!J=:0 -G1^)I9$#'B2C#3;S*(@<&0$P3WE\(DEI=+J(8=*LIJ81]"HZ-G&R4Q&:> MQ2[.(A#A]0!D(E7ZB]2KA[SHK"*(\9- DYB'ICB;742H:QY[7!(OH8"_]P+R MN0E6R.ET!B,F=F!LY8(-3%#ED]FPB M?CCMJM3+9%H@%6$&&XRQ5)LA82QT5%32@XKX2;53ZY%HTH?&(4ET;WHLT69(M@X X4$IZ6I'H12UHD:=W>9$KH+ZU#R5>ZGUK(_I:WHZ#[E%' *P[='B;]$FW M=]: 38!1Z$&-!6GA7,)#!^5(CSGBY]RXCCP_'VN_2QP4KH&&\6,U#J2"': MTXWZZ?: <0IFLM.#]99.ON@AD9=W6F/PB+&'CI6DSH\.&Z%AR3SGJIQPD0-T" M1P99;U5I@HQ',2=CE18SS)E+Y6!WZ,?=0D(K7JNN;UB**H=>]T8J:"E7K>CV M%\XV@EH(F 2Q(=QJQJE#>]!ZH? @)<2]Y:I(M2(L"AJ.Q6(L=CTGH4MNCC_K1 M=VJ:8_*-FMSBA.'V!YTU \ZHZ,()=:$6(0)Y48> MFW9APG'@2&36XX[Y<;<3?$(E,\$51YP/BM7^!,MBQQG%CJQE/>&8GW +69:Y MTIOBW0G$(74S4(Q^U 4.$?R35;O7L[TY0[8N[Q4<'4??DY/Y#U:72F9?UK* M!=K\T)T/]"=K6\M>]7SUM;P=1STX8?5C][9^QD&CXY^B, P6$VAR:[1-BU9, M$9]BC/4_U*S36A].M6HMZ_P_L0+ (R>=O\Z;1W1& 4+:J49 _D#K6Z3.9/"YR M7I/C0'MBLU/$+DM9.:)\CV+L#O,]XGR:8#]-P_Y7V[MF5A.,51/# SSG*? MIZH[Y#LQ5Y8F@(];=*N1JQCT;0+SMPF7JU6N.05U2Y]-OLDKE*6;'.J85:AE M^QC(*E1O&R&84*I8YO/^F:!G3CBS;*V;(M4B! M [NL[Q'82XY[&TN=M,JU[7+CD)D\LQGJHS]'}\OZ/H&]I$\88+=; M%=E/6JR&MI.6V>"MIW[E_$=:/^15 RWM/8S$;R.8@WKW%G? W0&PO=V]R:W-H965T&ULG99=;]HP%(;_BA7U MHI4Z\@$DH0(D"DS=U+6HM-NU20[$:A(SVX%NOW['"8X M=G?-Q:N, !1Y2^)4]HQ(J>6-J9BE,!%$9DE"Q9];B/FZ9]C&^X,GMHB4?F#VNTNZ M@"FHE^5$8,\LHX0L@50RGA(!\YXQL&^&MJ4-N>(G@[7<:A.=RHSS5]WY%O8, M2Q-!#('2(2C>5C"$.-:1D./W)JA1CJF-V^WWZ%_SY#&9&94PY/$O%JJH9_@& M"6%.LU@]\? 4=;!)ZW@!CV5^)>M"ZW4,$F12\61C1H*$I<6=OFTF8LM@MSXP M.!N#*\;]G:8,TK6OB6$ZKQCX\ M;!]!@'8[MS>K=A-GHIP.IYP.)X^_7^B#>(AXEBJ)%1H 6]%9#-?8EB!60'#1 MD)!G,S7/8JR_0EF7Y3TD*)"ZI6DWD'2(4\2_(R?4J?>*75Z1%1A]$M&_PS&DXK4 MWYLGWZJMTA.$%>9.R=PYG_GC&NWL+Y9VQW)\=Y>W3NBYKN7Y];RV]7\'LLXG M/E*PFY G<-I$!H ;Z?.WJO+L]F_7]02P,$% @ EHC^6/RN2B/O!P J2L M !@ !X,"]W;W)K<>Z?"2 MO(<4+U]$\Y=<<: [0MW55RZO12JGGB_%8SE=\7<@/XIG7^I32Z[[^Z;R:78]*JL^7V#Y&:]+IKOU[P2+URU+4J.%/5Z./^"*G41O0(?XH M^8L\^HQ:*8]" .-5>W"RN1D'[1+SB<]52%/K?ED]Y5;5,^CG^LR<='>[9!AY_ M?F7_U(G78AX+R:>B^K-0?0 Q *! +H/H&^]0[@/"-]Z!['8/ MZ*2/=]J[ALL*54PN&_&"FA:MV=H/7>MWT;]RKKM*#/5Z%]+': MW?/_^^XGC4$/'85V?'2 [RO?\GK#+Z"\[B)#.+*=ZB[D;/EH M\L]_X"CX%6I4GV293[+<$]E)\X>'Y@]=[*_-#[7^+C#] MNZL)U@%@:Q3OKV MN%TA6(JC]!26V3 :L! ;L!R A3@A/>Q$)3NH9,Y.-A522:2G#Z0K85.HLEXB M_DT713L>6U.D'A"2R6DE105/S]8Z# M'?6'.*8X-/H@@II!M=T$9A1N. &5T0@$48,P)WP?@@-_[!0).\.:KKA,ZIC4KC(#(TVR"'$VR,X1Q$10&L.#DH3IR*9]JE MZ8'V'BUYK0==U2DO%MILE%*U@W +3CN)]2Q1&*5&+JD/.GC=3COZQV@NM ->=#./J"'1J?4$@2'81N XQ8;>']+D M-H(&9$ H#GJS%SBE/@BE\SMWS+*@;0N 4E88F1Q"N%H&L>&M@$ T0"G@=%* M.8 C*<9Q.- ,1YX7.YOAIIZ+-4=/C5B_-H%./"@=VY+"Q.SD$"JEJ5E: 1AE M.#%5VR@61(P-B":]:.*LK7=JQ1MMT3OI9Z_Y?@>6U3V5I[KJE2WSRI;[8CM- M2F^JL=,TZIZXY5*U]66?&3 ;U*X@(<9F)[11+(U"LP_:*)R$06AV0@"&0S90 M:7#O8K';QM[4BNMV5*_S#2@WM.Y]':)I1> D=C2"Z#2)":F7@#&PJ&)IK>S MV.G,)A 7HE'E?[OYI?50"_ZH$RWEIJCG?#/V.T> M] [7TD3^)AK^6%U5\&[2MH73%9*8NFT483BR?(0-BTD:F<(!HXK)T#(!]ZX1 MNVWCS4$]>F[$MI0#EA$#CC QDS@%4"PPM60@ESDSYA"%4#:P-B>]>R1N]WC+ M755J'WRR)4")J1- M7O:YK0- P%AH3@8Y@ J3)*4#0GM_2+#3*N5%4VM3+)'V MADBNB@;>]B).E_FS+LDK6^:5+??%=IJ/WKH2IPN;7!>RG(,9V,7%QPNI#^;: M>@JBJ#FV]JCD!&4.+9 J208Z7&\#B=L&9F6U47R!SFZ%X@B3=Z!8^B:Q$(HR M4RQ]BUB(*AE8A)+> Y+0.;K^[%[>:+7%5B^]EJT/6J^U/^H&FD1BHZ32BU,] M .%1YW28/SW2?+)E7MER7VRG>>K- *W&;U^%19WM%Q#+$W.P#8=8V7@:S4=,_ M@+ H'!IZO4,E;H?ZMJ$'N,XHI)9B")8PTY[";%L*H9@*1TP+J0WJ,1M4-LR MOC>)02?*&C0^M5X^25?N*>WOPJ6=5 MJQ^>9IRV]Z>G&9]LF5>VW!?;:7IZ"TW4RQK--TW#Z_EWI)JBEM5N MS5PL_KW9[8^ .;*-[CEFU.JE "P*(FM80K $FUL%$(S$Z<"ZD?;NFKK=]72X M@X+O7(-UC@U]P@@%$VM=04 .V^W;@WI "R,@G1@#]:]WZ;N_=C[1BPV1M' T8#4W?!>%"'+.!K4':+P/H#TXTB.]%I;[O MWD-U);IQJ/=]^KVR95[93UMX9.CHX=KWBR[,Y]2N^U-K7:'RP[? M'LZ5?NQ.4QK? 7^.+*0:^S_!%OCLUVM/O#K%^*9IE64M4\2=]J^!#K)/6[,Z% M[BZ4>.X./CX*I<2Z^[CBQ8(W+4#__B3TDF]_T=[@<#IW\C]02P,$% @ MEHC^6)3L5>==#@ &Z@ !@ !X;"]W;W)KSK>? 4L4"";YWM\WZZJY.ENV[=WW%Q?- M?%ENBN95?5=6W2KVV7;_^+B^O*NN"UORO:7 MN[?;[MW%@;)8;[DNY/Y4#3E MM%[_>[5HEU=GR9FW*#\6]^OV7?W(R_T)[0YP7J^;W? _>XU/9.#WSYO=-6V_V ME;LCV*RJIY_%Y_V%>%:!!$DC)D0K1OD*D5C@6(=Y7B-5#FARID.PK)$H%2H]42/<5TIT_"AF/[QG,^_F M??? C)_;S^QOO3=:]>S/]!W_SXXR]N_F+Q_[YBWC_'^_<^^5FYOWUFV^];[Q5 MY;U?UO=-42V:RXNV.YJ>>3'?1W[)%-D_$OE]W19K0[6IO=JTWFRZ/Y*;MIY_ M,M2>V6O_L%BL^C?R8NV]+5:+Z,5V6S$Y]5[9=$]4A6;&M5M6M'9';$=FZ_/QZ53>_-=]Y MHIJ_,A"X&\$[<=6%(V[LUW#1J?D@:?\@:7\7C1X3UK:HFNYKV;6EB_]V?T-= MX]R:!/K$B7:#)19!=H7VX81G*9F5Z&A#3V(Z4!S1(J:(4 M'1>DL1_[BU<-8"$"1!,T@]:(#:-5#>KJ]^Q?:^J.&O70?9+(LNU+>C ME&'E.UZ**=6^\K#[%T=IHF@(&94A81D2EB-A' D3()@DVO @VM JVI^[VZE5 M-:\WI4F0H:8AFB1IH#14U@BN_2,2QI"P;-3%R)$A.1(F0#!)9M%!9I%59M.Z M>BBWNQOD^F-W+_K!.!R+#+V4HC5K&%>MG8['D/$R)"Q'PC@2)D P26CQ06BQ MH]">]\ (FT5EYKIUNK'E*';APSD+$/"IC5=4"^^A;-I^^'CX\+Y:M<:)E427F3)&GR:4%XI,3- ME%L09CT;5WTA83D2QI$P 8))^DH/^DKA^CK5/EHCNK:/J7[O&T?:?>@,&9,A M81D2EB-A' D3()@D8C(9IJ0G]@F\XK/WN&J7RWJ]V FV>J[=+F*[70^C#3 (X10=:9E7TZ:1R.*)(^P@E1I,NVGYBHW*"V'TCB4)E T67+/7! " ME]RIEM,>TK7IW-,D 4:!'ZC3.="H#$K+H+0<2N-0FD#19#D/#@BQ6R"B:>YW M4Y"=>.=/ULV3<._NM_TGK=?67KLLO6+^Z_VJV7DQ1@DC9^BG4-H,2F-06@:E MY43W>4*?*E,5W%!*Z>C$*9"LML\\(';WXVO4]MW)UA-I#$RAM!F4QJ"T#$K+ MH31.=!\J()2$JDQ?PL8A@X]#[$;.*#G/ZZH?'93=N^YELUJ4VR?'N2RV57W? M>G?%;\=L9Z)[,['OI^JHE)[Z>YZ- C'[Z3KK"^K*0&D<2A,HFBS#P9DA=FL& M*D/S_1'27Y@2@'T B1]YV(P5U>*"T#$K+H30.I0D43=;V8 <1NQ^TRR,Z[Y,4 M%[VV[\JJV,-DE9P1&^>G>#DGC2>I'J@!C0^).K+:"!EH8D4#UDYFA MX'D0DT3IY#-#.4HC$BECJ]Q^19S5 +5F4#19#8,Y0TZX,]7"DKUS6B!(&V%* M='NF4Q&E2:HZBM"X#$K+H+0<2N-0FD#19.T.Q@^Q.S_/6K*?BNTAS3!0?+N!; O?;EN@$A-]P\J3?N&FVG1&IP>3HTC,?E[.>H/Z$U : MA](@$B;K;? G? +L_\1)9B?:0SJVGP9Y(HT#KX:'+7J"T#$K+H30.I0D435;S MX*_X=G\%E91H#^.L8"1M!J4Q*V'#TG)?7V%D2$HTE%*3$D^!9+4-CHAO=T1> M)"G1'M-9>DC:#$IC4%H&I>50&O=UO\F4E(@**N\O,E@Z@=W2>?&DQ$#W: Q) MB8&^5$8=DHX",?OINNH+2LNA- ZE"11-EN%@S01V:^;EDQ+M!^#:Q :Z-V)* M2H0&95!:!J7E4!J'T@2*)FM[<($"NPOT-4F)@6[FA#11YT#M@$5T[^E$Q&31F M!J7E4!J'T@2*)HOPV49BHW<2.YEQ%IBV$C.E) :FO<34E$03S9B2:"AH3$DT ME#.F)- JOB+,.L!N*O811$PQ&37#*]J/E]8EVNG-?JMLT1U(2H7$9E)9!:3F4 MQ]$T@:+)VAVLG\!N_8S?AC/0+9CS:!(E:BL&W6@,2F/C3B&#!LVA- ZE"11- M%M_@U 1VI^;(AISF5M*PQB.- B3_1AG&Z'Q.&ZOI[$RV,4M]7/1E#P:X;I>K< M>68H1X,DH:G:C4)]%"A-H&BR&@8?)3BQSL-E:TZS1J"N2:'[)OW6G-$DUM0$ M-4Z@M Q*RZ$T#J4)%$V6[V"VVA7M&K!WDHW-2W8Q0]T&$!F106@:EY5 :A](@$BB;K=/ U MJ-W70&7$4MUO('&BWLGN2]EVYS2#U#5U]K-R5AO4:8#2.)0F4#19;8/30.U. MPTMDQ=I#.K>;NL= 0I\FJG$&C8F\6M(Y_93 M]TK.:4PFJ:I3J%,"I6506@ZE<2A-H&BRG >GA/X?=_HR:EMW)*8JML][$O9 M[M5'@9C]=)UE"/5,H#0.I0D439;AXJEO0NV?R\KE=]@-P;F-U8R0@=*(]WPH9 ME%$I&9260VD<2A,HFJSMP0&B=@? H:W*[J&&/KCA-U=WC[9%=9];'1670H!F4 MED-I'$H3*)HLP\')H78GYTAV%S7*3 SNK1*M M\]8+GE.JK>S(#.5H5T[;=L1^19S5 #5:4#19#8/10D\\KF5T=I=9(-#%*%2W M83H53?Q$? 2K0#!J706D9E)9#:1Q*$RB: _-C(P=@)3SRC971V5VAZWNR8E' M,!L>F1&HZ]>F]A#.G2=TCS H+1MU/7)H3 ZE"11-EMO@G81V[V1<=E=H\"]" M[<'?].2$\1@.LQ^QLT*@M@64QJ$T@:+)2GKVZ'B[;>&>VV4'.O>SNAFA9M% M S(H+8/2M07T& M*(U#:0)%D[4V^ RAW6=XBTCG5M/PH)!)]$WR08,R*"V#TG(HC4-I D63 MU3S8%:'=KD E=H4&3X'X@;IE>WARLZC9.!*SGY>SWJ ;9T%I*$H3*)JLM\$0 M">V&R$OD==E#.K>>AL4J<:0M H4&95!:!J7E4!J'T@2*)JDY&BR2Z _>LBLR M/%;%GZ@CTNCTEEVC0,Q^NJXRA-)R* (U#:0)%DV4XF"V7(UEE_T 7)O8R/ X MDR32GG,/#V7(TE=T+@,2LN@M!Q* MXU":0-%D[0Z.3H3:LBO2UXJ<1XF:W3*UQW/N1:%NSKA3R*!!5=<5O^5&QO5U7CHXW\,;MKZ[.NN&DQ_J MMJTWNY?+LNAN1/H"W>B\M!/?T-)L621 M8K* ^R:VE"')SDSOR&ELEN=5?"^W0FCTG*5Y>3[9:KT[GREIG(2ZER5(C-^>0" MGUZQR#2H+?Z0XJGL?4=F*/=*?3<7G];GD\ H$JE(M.F"P\>CN!)I:GH"'7^U MG4[VOVD:]K^_]GY3#QX&<\]+<:72/^5;;\\G\PE:BPVO4OV;>OI5M ,*37^) M2LOZ+WIJ;8,)2JI2JZQM# HRF3>?_+F=B%X#Z,?=@+0-R+ !&VE VP:T'FBC MK![6- ==\>5:H)U08:^C-?*GGIFX-HY&Y6<:5+N"_$MKIY=7MU^N/7U.70_L[3NCX[-+"^W: -A4J)-H3($D5=P M+?.'QG6EE](\=4U;TRUS=VO"^K3<\42<3R!N2U$\BLGRW__"4? ?UYB/U-G! M#++#]##!? [\NOD(5DGJA,N(;9M(WJMB;9/"Y#AL.SV6-?OFW$YO,%W5L=Z KW MND+ORERL_P>!!;E(ET@K2$>)RA.9"I3O!9O[YBHQB[@KU*,$'T7W+^]?Q?"8 MJWBDS@YF*]K/5N1=Q6L!G2:2- UDW7R.>J4++O^L;KI$WW86]-:,T8O/!RCJL M,*&Q>V7CO=;8J_6B)PVI#>3S>XW6LDQ4E>M:O"S+BN>)0(DJM3-KQ9:P.";Q M0+UMM,#,K7V^US[W:E]IE7R? &B2M05P&G"Y'IWAN_3R.%XM@(-)A1>*Q*5[M92[><(>-* K0^!HH_%F4)R987$(7EH0IB2@;"'59X47D%HJ##FV!5^H5\ 4B M%>(<)A0*CW4=NNX9;;OJ:QA.I\.$!F1,90 V)\E53ZMTXS,M8#P]>7,MBNO M2MMDVA#-*9-T,HE7YJW>BL*IB=@_B&,RE&5;A?%(Q. .L?@-QFXYK&]I*I%> M8BY+ 9G=1'LJ^;U,ZR1]@L1SDE9KR8R$SR);:) B>_%7)4AJO<*=Q?%0:'ZNW MP^GJ>(S]0+Y(ZD18&N0)^7,<>*$C9DL\N,1<%80'1TQEZ<+3_ECQ"R MJH!%+Q5"SRPR'-!@1W6$1^[EXNP^.5 !@4&$V-\;_*[CPR+8Q-\60OBW= MMAT ?P0TN ,B]A/QJ]U9M0$'A<90FVTTG<_'W*"C(/9CIT$3' 0YFV M%7C'B,B,2+D.4WI7GZOFV+4SJU'2*+X;%N\.,A1$A(^H[0!'V0WMF"2)A M+/W[/;(E[P_2BFC]7;X2QT "1^ %[TBI*ZLC:9NE[2NEPIAJKEG%=%5*_&-D9+[X+;3(D*D5B;L,2HJU(UV:+ M_6KI'(\-0VL\M@F&4G>LV"4=+\D;^\CUNIE^(S+A.PE!)?^&4"K51C_QPK-] M) YFD@@/D>DT"^)P1'G'3.)GYEU5)%MNZA*8?,@ $/?ZY03M4MYN@ 5XT,Z< M?3C%.V"):3\MM>I===E',QARIPRKQ8[5!OBOLG7(=@+72K&TS4D[1#JW4C]9> MDOVY*NN]\"\'Z?:] Z .LN(PCH: [)X==&+)@;" =@"G^H7R[D3G/D_><47K! M_L.'E$?][7 6.K!3/]@/LY=X%D4BH1J! "K-F0S L\X%SGEP0#R>#W'IL(I& M6$E[Q\M^TM_Q%Q/&1J;FS^A)ZNU6I? 7^5MVG\J$]!,O1JRN"H3E>*&2B328S M0W,.R68[%,SAL,IRF6&,V9A/=C4]6]2>^,2O,A5]8[3&^K8BL8T'NY8G69D M,;(9H!VPJ1_83=9R!8]3K((/*-*!#K0XK/.8T':BI']2]S-4FKO?+=FU.8=]M M.8;+;D['MERT@S+U0_GC9B.:4OOQG-0'/P@\ E#<'@*!JS=%$E"N_F)0]\A3 M<\[O')"-8,RLLTF'U90P.G+*03M04S^HVX9O&,^)Y4.VV3S MH_[>49KZ*6VP<6()/4'WXD'F>9MKH/*0REFI4AO) <8BI+=^"V"V'7&8[H9QV_ MV1L'PV-S?8*$..+7.PP&RX:7;810&-PA"81VSF9_9JVJW2X5)D1#) MYME&JLJJ'&5=T?)^_H#QO-NJK.C4OU8O1W.4T=UYJ?Z17L,W&Z94)#07H; MX? K(P1E=S,:U.6<8[CX<9G,Z#@?V3AG)+)>&; "US8) >D#OY[U7JK)1/%0OVM4HOK8MWDI97]W_S[31?T6 MS^#^)3Z]:MY*ZKII7I+ZP@L 9@FI: -=!A]BF/^B>>^HN=!J5[^Z&PO=V]R:W- H965T&ULK53;MLP#/T5P0.&#>CB M6](.G6,@5[1%VP1UMSZK-A,+M257DI/V[T?)CI<.2?:REXBD> YY%)/15L@7 ME0-H\E867 V=7.OJTG55FD-)54]4P/%F)61)-;IR[:I* LTL]"S

1;BQ3C7V=#Q3$-00*H- \5C M Q,H"D.$;;RVG$Y7T@#W[1W[W&I'+<]4P4043RS3^=#Y[I ,5K0N](/87D&K M9V#X4E$H^TNV3>Y%Z)"T5EJ4+1@[*!EO3OK6OL,>P.\? 00M(/@;,#@""%M M:

(4VG5E94ZII'$FQ)=)D(YLQ[-M8-*IAW/R+B99XRQ"GX\GB?CJ[3V93@E:R MN+V>CA[121[QN)O=/R9D,2>347)%YK>+IX1\65()7.>@64J+K^0;43E&5.1J M[,9PNFE;>=)4#HY4/B=W HD4F?$,LH]X%U5T4H*=E'%PDG!4R1[Q+\Y(X 7A MH7Y.PV]JWB.A=PC^H9VP>]G0\O6Λ,T+>!LSH=[5&;GF:>] 1^.3#&: +U5% M4Q@Z.*$*Y :<^,/G_)S[<4C>?R+[(+;?B>V?%)O8CX"
(%4E%6>)XXH>;OA"F M5 T9P66#\ I:,\7,[!YZB89^8.G-YMG$H=_W!Y&[V9?XKZRF=W=O'$J0:[LE M%'96<]U,1A?M%M'(SI_()[W98G=4KAE7I(50KW>!=:6S69H'"TJ.US/0.N.H M6C/'90K2).#]2@B][UAO["YZUSNB(0I+W[33.5CY\Q!&2Q(7:AKOOX* M;3X#PY?R0MHO6C>Q@X&#TEHJ7K6@?8*2L N9'MHZ; &\YP!^" "? L)G $$+ M"%ZJ$+: *4*@Q9@4\=-[K9P"5$DC@1?
(V&B-9M9V.I;M*X79>:=W"BA=ZG& MJ7A.'M%*HCD(^^98"BBA,BVXK 6@C^CV)D''1R?H"%&&?N:\EH1E,L)*:QL& MG+8ZDT;'?T8G0%>)3_R#A-]J=HH"]P/R M73_L.
<_TY?"@+YW_4Y^]6GVG&$'W"@++%[SF%?1==D,7]M.9WC:2%4EA[.CF M)4&LP(G?O_.&[I>^2K\E6?*69+,W(MNYD["[D_ 0>_Q##XE+EO(2T/%W+N5) MWSTT%$-
+84;"#@X"WXOP:KN^ ^T%FBH2[4;M9#[8J(0642 M%;#04N[I)]TN13,L&D/QRG;#.ZYT;[7+7,]?}9 [R\X5QO#"'03._X+4$L# M'!0 ( ):(_EA$K#$^W ( )<' 8 >&PO=V]R:W-
H965T&ULG95M3]LP$,> BA4D!!(T#WUBT$9JV:8QJ5,%;'OMQI?&PK&#[5#X M]CLG:>BD-)MXD_CA[G?_.S_-=DH_F0S DM=<2#/W,FN+:]\W208Y-0-5@,29
M5.F<6NSJK6*#9153KGPHR*8^#GETHMGU=A:QS-56L$EK#4Q99Y3_;8$H79S M+_3V _=\FUDWX,>S@F[A >S/8JVQY[<4QG.0ABM)-*1S;Q%>+Z?.OC+XQ6%G
M#MK$9,)1ZLEU[MC<"YP@$)!81Z#X>X%;$,*!4,9SP_3:D,[QL+VG?ZURQUPV MU,"M$\K\YL]GJ5'ZFEL8SK79$.VNDN4:5:N6-XKATB ,)@-R)UD_(6S
MDHJNK&OHJ!QJSLVU*6@"A).@IL>R:-6\JB/]^J^H!E !(&F_%EV +7@DI#?B@)+HS-@-RJO*#R[?3D*@JG-X8P MKO$X*8TZ--JD/ %LGU'C3@)&8(1+4J,G]#(\2_WI =
(2LTM!]P4}<(BX(+D0&O45TV,@MGCOJ=NBC;HX&QS[G3;1C=]+P1A& 6' MNL2GW"18Q^>2:H02<'N4X Z#=H<->M9KW*[7^+\+>[!"9%'GU[52_<"4"@_] MPB:ML,F'A#VV!>
[2UL_\E[9IJVWZ(6VK9BMT*>LG'E7F'UR6.>AM]208DJA2 MVOK>;$?;5V=17[;OYO63M:)ZR_'$"$C1-1A,<2%U_0S4':N*ZNK=*(L7>=7, M\.4$[0QP/E7*[CLN0/L6QW\ 4$L#!!0 ( ):(_ECJ8%DW9@L
&4> 9 M >&PO=V]R:W-H965T>17ZIM'^]l)JMWDY.9GD!]=F M777\X.CB1:O7M*#N??O.XJO1H*4T#=E@G%6>5B\G\Y-GEV>\7A;\P] FC#XK M/LG2N0_\Y4WY3IY.5$DKW=?=M=M\3^D\3UA?
X>H@?]4FKCT[G:BB#YUKDC L M:(R-_6GY(>1P-/C>P1F26 F=L>-Q,I7NM,7+[:,^KH8T_R%%%&L89RT%9 M=!YO#>2ZBT4,AG(KM3!K:U:FT+93(\Z)PO>5/7:MWKC:%H?#BJ,-^+'54)-V7
M4??L'MW?J+?.=E50KVU)Y:[\$>PJSW>+&_5 M-;6U6>/AE?.M\W&K1QWV^OJKI[/9\?,KU[3:WLJWD^<'^7&6^_RYZWUZI)S/ M#S>4GCV&56"*POD2!A.2L:L4M)#7=7W+;ZCE
^FM5UJ//@YBVAE^&UU#"%KZW MAK\M^,Q!/4J;?3>?OQNVT[94;>]#S[[NG(CY7I3AC:=U7\N1Q=UW=2ZHZ+WI M3%K_^E-1:;LF.*MI3!#FS-LN7E_E70\4V%S]TFO?D:_%Q\XC(EC-5*=.C@]_
M&>2&)SLVSWUGBIKP@@V[']NQ4B\- R8+2*>NZ'&0%}^43&!MXB9 R5JZ) BPPZ8,K_!E N5ZVMH@$=1KC@HD/FMM[$>2&C9'MV7 MXM(_5LC6F?(L109#NR59V$?.=+=Q2XY+#E1
4;*HXKR8<=SH#Z0H=*81 MG(KG BI_&\'<5;I3>K5";8Z0%Y]P8C6<5X)VK*?D]-KHI:FW.-\BA1?"+LY$ MWOD^F;@+AS:C\-X WV>.IQNR?3* /K6,PJ!*I!^ L!422B!O7!FBR-
\+RI'#C^T&TLM(5^&4QIM#>\[1P.#*.BB+"1+[)\UBLN]]H&7424;RL:U0;- MFTZU86LWEL5#96/$H9;S!SOP82*AA\PI&L&'#3E5V>ZQ8>.ZE*NUY-J&_$"P MT0@6'?A@JMY$_:XU-ND>^>A@<.!
?;T=\>87QX,1J-K+TCBY9PE0M'PH=K7"\+-5]&?% M(S0>-DJ@:)K,..=D%S%V>I 1G3QGXU-A2T'-#D=*B9J0HBB1S6B&12ZJA1LPN
MQ0@I$)GU>ZKC@H5&]9 ;R+C*A!C!DKAF1WU57AIXZ:9"&G#8A7R1:6[#(2W0 MO3#0Q=[&NF?JD7D\KB4%=S+11JW:6EO^A*DN*I+=GT,&0D;,Z-';?B <56 O MK&\"(L_Q9^F-
@>B2QEF#Q8T#[1B8#G,Y2Z2B]%2*:N@>]N(M)(TVM5[6)*:PR-0S]#=,CLJJF+K*4*$G9%W?YGL"]M 8V]7(+FDG,.P9V.TGXOPHYL[!Y<1&NY: M$L<.X\('RH 1Y5S4N2$N*+K?
\$%U0'5AB]80CM()U2=]4#>Z[E$;&'4W8GC MN]$/GQ,D1EH84R(4NH3EV,9V@KN(!#JD3,TS+;4'DGROBUW6O+YXOW=H0 / MPT[/Z[C18S9BP0SZ:R!$K;.D-3.7954F!!;=N%4\(74.1T,
(YSMP8G1PSD8@35)'P3WHR&S0\Z1$1M9-#NF%LLXO<9Q%U!!$H6U'CRVOVW]0^,'-M7F4/[".K'-JMTT9U:O#?D+ YT"NBFEL,QMOX.'%,:@21(7%)>+;=XTW<8Q^. MY%"
(\D]PT+^!O'GI9&!#]7NKT>*D6I";.9U>\UGK-)?U\(:7M]=4]P$95-U M>GIXL,M1!J+6)2[-QPLPF$'MFK&6;<9 R,L9FF3CHCY M@=M@3AA7}^,U._;R +".*I:TXLYZGX%C>I2L8{[{:]O!QU[6?
G2X=]V5ITO+K>W,BVE8%^]%W>'QV MK&S)$AUYK_EEV"'UH:ST9X:P[MI&$)$AUYK_EEV"'UH:ST9X:P[MI&$)$AUYK_EEV"'UH:ST9X:P[MI&$

@*&L(N=#M+TW!.1.&3O_>M<@-+")F;DNQ#G0I%S(!E-M0&_);-B"#58M-C2]]BP+H@:BZY59[5O*$>RBP2_M2'VRHN8,/G/5*G?:J8#\ M07VNZ9BWURS_$_'>;6E(?QP@W:AC06-5QHU[=G8Q@42J-EM?]EW(9UE/;0_<-M4PXK$?T&NS@=0B-68L2!5[O?"V;R!CLG"@#3#36V!)(6>,:2ULW[(R9;-1;4 M#+3E%DI#UT+X#&MIRB!^(FS!+<-(O&N6P76W\E;:R=0F>R*+FTXVB8J0B@?M4MLV1J(F-$$>3?OA39:P58,B3!6$[K"K74)84](U@K;5=']'C4>>9#LN4(-M!2;R3&FV-7PI#3S'2D+YHK("?V"H67'/-0A:F=8"6 MR>[-SDOR7KY(LY2&=M2HPJC-$*30'K-SKK%-AO)SZUL5@-9^3)66G#U2>=-N:-M,Y>P"-A3LH71&3\UZJP2)\U-5[KCA2K#SCA#[2]f/FP-ZK9(9%V>D1^TP24-MV#S,8/8TL-MVE4VFYL5-RB#+-VS:,D,XW&H-YVOCW2,85+7XWCF%<.O.CLE"M1BGA$/#;'V-M\2*.00+.H*]F2%4,<=F&!T![.!F%YWP4<\8YI6VZR;LYQ/!]D]6;#C!QD&!=-MJ1EQX4"?:C0%4\]JGYJ.??GIBGGQL+Q/^1%3#:ECH0&L@W:1>;@LQ;4[2C3-MFK?]CHCN!00D-!GRIBNUK?I),B]TFUIQG]#M06T5R\H9)2&[IU*W\:[L];GOI?(-MU-T$C,+O6GN"#Z=4M$![WJ9+6GMVN-^WDO#/'JR-"*QC>Z((XK7/JQ;J*<,!_-MN*-L8-WY[T.[#X&&9,,JVR@'<+D-VSW&3]Y]F+B1MZXZLP-M0QD-CK"EV0*.? M/'@WQ&XF9N%A5:%'2"8L^N:Q8"\.[FAC]/[@-*3-!]5:*YL63?8%6NO+K>CMX[-->]#.^,B@)=.SC"LP"IF,5FHMC0-M-G+3C?U4@RK&(KWU$!88,KWQ1.^+;XQ=S3BMVH(X/,7>.SB^F'EC%:?PQ7EW+3PT-MB?DJ7>-,V%;K\(-.1F1)8S\D(*5?4O(Z[W{)>8(-8_$L?[-_/!YD9V/O-O M((ZXD6VG#=RYHFA$%X%]S%>TE3<8=HBW27BTGZ^A,U!5O/&-.^H*PR^QX?5GG M?'LAF^L%RC7M\-/O:LM!-DW,^]?"MLGOR,N",@U-\'6UN1H[7S"D>FO#UP9 M=N->^'HK(Y=8YY;N(A_P"[JWE0G?[85^DU9+1[+),W(87';V-PMMR[3Y{-M.W6,Q+N#O6;30!MY!H?Z.T@WX#"O=.]U.XG?J0D-YK#@=9N-&N/9'F\%-MLJ0*W!2M-[V-#Z]

P,V&F#=I$ 09*V#XM]H*2Q390259*RX_WZ'5*R+"><R&^SNBT2)Y.&9X9GA M\'(MY$^U!.-#D.>&INFHOM<[.^WT5+2&AJB$I4G"96;&7"QOFJ[[>V/!['98:O.C/[G, MZ (>07_+[B5^]2N4F"60*B92(F%^U9ZZY[/ C+<#OC-8JUJ;&$M"(7Z:CZ_Q M5=LQA(!#I T"Q=<*KH%S X0T?I68[6I),[>WJ+?6-O1EI JN!;\!XOU\JH]
M;I,8YC3G^D&LOT!IS]#@18(K^R3K)9WL9!E^8EJ.KF48DVD&8UHIF%-M,.1'$O-ICQJB;T,Y^G)#662!*<\!W(' M5.42T.-:D9,G&G)0IY=]C:N8L?VH1)P5B-X!Q(#([>(YWN(GE^9[%L__^7;)T"]4]XJG'O>0C'#!B-._L0,2:.H@'I/1OZPXSAC;'U_9<{V*O5?:V M:OMRWGI<'JF[&F1B3-5H&[#WBT24,DMHLU0S<TIS/Z@:I3FOS/^/)@7#<6/NOEA MYUJ'NA<$"HH802:((IYC$J^@JHC4YG0X&&TSRC$5(@GYUR'ZGGBCCC/T6_=T M8\Z:HZPJ-B=&^JX[(J%;= M<'B>,:$VQ6%Q!QI2L:);B;V0EZH9F=>-9-;(9N%U"#Q'D&F2@8P,M1@+(E3C M;UU?"]_BI#'M8L@31,N4_<*>U[XF#S;,?MC"#_=JND)@_''BGK;NI0B+-+E! MP-9C'D6@%'$=AWPHGD@K29 H'ICL;[M8UU27,(;I^M[%V{C}%W?]7H#*7">H%W,<#'G"C4V,Q M[@8.SA/HXHI^X.ZMMQWUD2,913F.E'AG/=\NYR+:45ZCGF<'XL<+Q^YY(ZF M^1SKK]P*T<@4-S2CMOXWWO[X[,1J0%TUUO7VYR(JQ:";283&*)=? UPQ&ULQ5C;;ALW$'W75Q!J4#B &NU] M)=<6(#DW%[D8CI,^%'V@=T=:(EQR0W(EJU_?(5=:R8:T<8NF?K&7Y%S.#.?, M@#I,2?55%P"&W)5R H$GN^;V%\NI?QJ%Y?Y M>=^SB(!#9JP)BO^6< &<6TN(X]O&:+_U:17WO[?67[O@,9A;JN%"\M}9;HKS M_JA/8_O=LD8D]A MY!U1"#8*@RB>C\)2AGIE,LV\U MT\QF2).3&WK+03_&QHT;06&V<;,K#$3'#&3D/=2F$*35R*'_+[^$"&UN((M MKEG0:?"W6KP@H3<@@1=$'?;"-L[0V8N.V'O-X6[&I%[K0\%UZEIBG.J*9G#>MQ\K7H),0G_S\DY]XOW8@BUIDD,;>'D$VJ57N:$WVKH+\\0[WR*6!4O]Y"'#T M P#'+>"X,Y6?L#@]=FP3)K NEW?%$R6592H"_M[,Z9H)Q0SF5&7>H0E4&QJE99@70E ME6*9U<)&HLWV="Y18<7$@IS04M,6&!-X(FN-1O7ST]X%U85SD-D/P%B6E#NO MSX@_\,9>;YIEC:.'#/ 4J4.24=B[%$N4DVI-DB3M72FH*,L)W&$CU=" EHA! M(;V50DE"FW2%,0ICNU5F[82LSZJT GXP\,*H]Q'/,8S<%&IFS'L1'5N'!& M2#B(P[1WX?H&>E# 75)TP2I-CST>B]AB;VXPFLQD!5"4*8+WG;LB%M#BH]N2?48BO.70Z^!+TO(E>31?]BAR*0P5"V8S ML.&+3?HK;1C.&CS_&A_E9AX%5K<^3+6.9JB4:M/.[H-5'O-YW MZ/)-5MZ.H:1X8Q7.M[/52] 9-SFC.. [2+C?HGX[2<62-$*69>9?"JG;D_H=.9:-LXH^@F"PU<841 MQAW%J9M61MK6 I)#Q82P*$\D/6^#QH/&HVGD&F2*!T97!1L,K@S,1>4N1DU<M)MK;HU_M[]Y5> ^5\V]Y>W%^H0DZ:<-BC:W@_00&J]C)L'XP\N@LHEP83[\P# M_G\ 93?@^[V4YO)@#^C_D2S_!U!+ P04 " "6B/Y8VZE?LR0% !F#0 M&0 'AL+W=O*SR)=9%SSLAE-C^YS2SDI%[VNR@8O;BVKKF\.)5*K$]&WFCSX&.Y6&KS M8#P[7O$%?D+]V^]2TFH\>"G*&AM5B@8DSD]&.V]R&AM][_"YQ+7.DL%D8*ST3UM2ST\F24CJ#.6\K_5&L?\(^G\CXRT6E["^L.]TX&D>*BWJW\0@U&73_?/:MO@Y.!JG[C('?&_@6=O?(HGS+-9\>2[$&;;3)FQ%LJM::P)6-.EM279Z M^EZ(8EU6%?"F@_^-YLVBO*X09DJA5G!XQ6FECH[!FH(9DW'>.S[M'/O/.(IA M0C1ZJ>"*;!X:#\FD -2?X/TU-_K\.>V>0V!R\!W_7"/OV#/(/+#^@G_+?$:9 M_ZJ7*'?D_[94>254*Q^^F%TK+8E%?^XJ1A0MV1!0U9 M@%]-0ZOAD->B-\GFL1%6]GB/;'HKK[N=;>[MKUM^N?7+H$'-(!._^6SGLIE0)9GG<%)1>`6.98JB4:M/.[H-5'O-YW MZ/)-5MZ.H:1X8Q7.M[/52] 9-SFC.. [2+C?HGX[2<62-$*69>9?"JG;D_H=.9:-LXH^@F"PU<841 MQAW%J9M61MK6 I)#Q82P*$\D/6^#QH/&HVGD&F2*!T97!1L,K@S,1>4N1DU<M)MK;HU_M[]Y5> ^5\V]Y>W%^H0DZ:<-BC:W@_00&J]C)L'XP\N@LHEP83[\P# M_G\ 93?@^[V4YO)@#^C_D2S_!U!+ P04 " "6B/Y8VZE?LR0% !F#0 M&0 'AL+W=O*SR)=9%SSLAE-C^YS2SDI%[VNR@8O;BVKKF\.)5*K$]&WFCSX&.Y6&KS M8#P[7O$%?D+]V^]2TFH\>"G*&AM5B@8DSD]&.V]R&AM][_"YQ+7.DL%D8*ST3UM2ST\F24CJ#.6\K_5&L?\(^G\CXRT6E["^L.]TX&D>*BWJW\0@U&73_?/:MO@Y.!JG[C('?&_@6=O?(HGS+-9\>2[$&;;3)FQ%LJM::P)6-.EM279Z M^EZ(8EU6%?"F@_^-YLVBO*X09DJA5G!XQ6FECH[!FH(9DW'>.S[M'/O/.(IA M0C1ZJ>"*;!X:#\FD -2?X/TU-_K\.>V>0V!R\!W_7"/OV#/(/+#^@G_+?$:9 M_ZJ7*'?D_[94>254*Q^^F%TK+8E%?^XJ1A0MV1!0U9 M@%]-0ZOAD->B-\GFL1%6]GB/;'HKK[N=;>[MKUM^N?7+H$'-(!. ^6SGLIE0)9GG<%)1>`6.98JB4:M/.[H-5'O-YW MZ/)-5MZ.H:1X8Q7.M[/52] 9-SFC.. [2+C?HGX[2<62-$*69>9?"JG;D_H=.9:-LXH^@F"PU<841 MQAW%J9M61MK6 I)#Q82P*$\D/6^#QH/&HVGD&F2*!T97!1L,K@S,1>4N1DU<M)MK;HU_M[]Y5> ^5\V]Y>W%^H0DZ:<-BC:W@_00&J]C)L'XP\N@LHEP83[\P# M_G\ 93?@^[V4YO)@#^C_D2S_!U!+ P04 " "6B/Y8VZE?LR0% !F#0 M&0 'AL+W=O/O,Q[O MA/RJ,@!-GG->}(F3:5V.7%14W8@2"ORR%C*G&J=RXZI2 DVM4\[=P/-Z M;DY9X4S'=FTNIV.QU9P5,)=$;?.X!XX-X$0QK"]X1#4#H'% M726R*#}23:=C*79$&FN,9@:V5.N-X%AA-F6A)7YEZ*>GCZ"TW"9Z*UFQ(AWW-$!YL&T3\>-!!\,PRZX3^^(->XD6O\7KG6 MTWYPU*YO71>TZL MEU,T<8^D:%APYZ?U112)"\(@B\)@C9447P5YT BK3IN;TD'3LN! 902\)S!_'K<*GH$)?^+E>:P|*<^*6%/&VYV\OP;=/$X M@H7DVGV3<[MWDOJD:+21=>>,#&HFVE_ZTN5AX# -WW&(.X?8\6X/[\D1P3MBA/1N%;AGYFN8,3B ;(#@I9">8R=?=, (+=%Q0=VKI%B]!\&Y.O4IB#)K^^$LJW_@$RZ^G%%WKK^":@YT;?QS+>_6+IV.9UMFIH^T M@(6//:%!G_W&"JFS36^C+#=.TJA14U-5%[DE7KFM$,T)=)ĵA M:8+-3R%U&TMP=:28"6@KX3;@D9"SJ#0P2)P[&\]!YX=Q% & MY FQA@N>@W#NO>7=K6I;&4V80!JRT7B$_NAME2R;PF#_MSK]B419.@J3J;,>_M1E&2H)6$V2A)(5J2IJ>)EGH[^4J\>75$)8:F$+)=0-8:0D6J,9N-59-)1_ M#>AM PAPXZC1XZZ&G\0&X4-NL+F[TL%[,[MN^%L.KN$%LY8*]_RBH#<+6.98JB4:M/.[H-5'O-YW MZ/)-5MZ.H:1X8Q7.M[/52] 9-SFC.. [2+C?HGX[2<62-$*69>9?"JG;D_H=.9:-LXH^@F"PU<841 MQAW%J9M61MK6 I)#Q82P*$\D/6^#QH/&HVGD&F2*!T97!1L,K@S,1>4N1DU<M)MK;HU_M[]Y5> ^5\V]Y>W%^H0DZ:<-BC:W@_00&J]C)L'XP\N@LHEP83[\P# M_G\ 93?@^[V4YO)@#^C_D2S_!U!+ P04 " "6B/Y8VZE?LR0% !F#0 M&0 'AL+W=O*SR)=9%SSLAE-C^YS2SDI%[VNR@8O;BVKKF\.)5*K$]&WFCSX&.Y6&KS M8#P[7O$%?D+]V^]2TFH\>"G*&AM5B@8DSD]&.V]R&AM][_"YQ+7.DL%D8*ST3UM2ST\F24CJ#.6\K_5&L?\(^G\CXRT6E["^L.]TX&D>*BWJW\0@U&73_?/:MO@Y.!JG[C('?&_@6=O?(HGS+-9\>2[$&;;3)FQ%LJM::P)6-.EM279Z M^EZ(8EU6%?"F@_^-YLVBO*X09DJA5G!XQ6FECH[!FH(9DW'>.S[M'/O/.(IA M0C1ZJ>"*;!X:#\FD -2?X/TU-_K\.>V>0V!R\!W_7"/OV#/(/+#^@G_+?$:9 M_ZJ7*'?D_[94>254*Q^^F%TK+8E%?^XJ1A0MV1!0U9 M@%]-0ZOAD->B-\GFL1%6]GB/;'HKK[N=;>[MKUM^N?7+H$'-(!. ^6SGLIE0)9GG<%)1>`6.98JB4:M/.[H-5'O-YW MZ/)-5MZ.H:1X8Q7.M[/52] 9-SFC.. [2+C?HGX[2<62-$*69>9?"JG;D_H=.9:-LXH^@F"PU<841 MQAW%J9M61MK6 I)#Q82P*$\D/6^#QH/&HVGD&F2*!T97!1L,K@S,1>4N1DU<M)MK;HU_M[]Y5> ^5\V]Y>W%^H0DZ:<-BC:W@_00&J]C)L'XP\N@LHEP83[\P# M_G\ 93?@^[V4YO)@#^C_D2S_!U!+ P04 " "6B/Y8VZE?LR0% !F#0 M&0 'AL+W=O/O,Q[O MA/RJ,@!-GG->}(F3:5V.7%14W8@2"ORR%C*G&J=RXZI2 DVM4\[=P/-Z M;DY9X4S'=FTNIV.QU9P5,)=$;?.X!XX-X$0QK"]X1#4#H'% M726R*#}23:=C*79$&FN,9@:V5.N-X%AA-F6A)7YEZ*>GCZ"TW"9Z*UFQ(AWW-$!YL&T3\>-!!\,PRZX3^^(->XD6O\7KG6 MTWYPU*YO71>TZL MEU,T<8^D:%APYZ?U112)"\(@B\)@C9447P5YT BK3IN;TD'3LN! 902\)S!_'K<*GH$)?^+E>:P|*<^*6%/&VYV\OP;=/$X M@H7DVGV3<[MWDOJD:+21=>>,#&HFVE_ZTN5AX# -WW&(.X?8\6X/[\D1P3MBA/1N%;AGYFN8,3B ;(#@I9">8R=?=, (+=%Q0=VKI%B]!\&Y.O4IB#)K^^$LJW_@$RZ^G%%WKK^":@YT;?QS+>_6+IV.9UMFIH^T M@(6//:%!G_W&"JFS36^C+#=.TJA14U-5%[DE7KFM$,T)=)ĵA M:8+-3R%U&TMP=:28"6@KX3;@D9"SJ#0P2)P[&\]!YX=Q% & MY FQA@N>@W#NO>7=K6I;&4V80!JRT7B$_NAME2R;PF#_MSK]B419.@J3J;,>_M1E&2H)6$V2A)(5J2IJ>)EGH[^4J\>75$)8:F$+)=0-8:0D6J,9N-59-)1_ M#>AM PAPXZC1XZZ&G\0&X4-NL+F[TL%[,[MN^%L.KN$%LY8*]_RBH#<+

<$XO3!.A]1G)8?>H"5S<'Z5-%%.OCA);.12M-.!6WI(M\6F&CN,E,C;E?Z'RW"@&OJZ#8!O:#JHD,<$NL[#+'%0TF#-DR0F&&<5.MQEFRHL%Z-.]U2ZW$.EA9QZY.BJY.GCEDZ/;]-*

>O2B>P@H9>76QS7N@.VK>V,MD"0FV'AOGS#FL-M]TVM]2LK-"V%H7*DF,>50 2E.QJA*IP3E>U0U.NRJ. MN[V$XE[T):?8V[_:RC9=(N*6M9YDD-=%7SN>J,.P0E\6=.|*

=28"=^]@'KFL9S5 M-1!G.US+&@0/7.OR4F`\PLI=K2BEI&%0;HK'4GB]+6R[82VA;F7W%;Y=$V]. MPN]MKFYPJUI/ISYX7>.\KNG#BD6I4"Y+332/0[D&9\U;9#-S)2&=>3R=5 .J M#T[6.="=K,-8^OT"UR7'"K6T]5 ;g:HU3MV8-*\"!n.K@L=-=$\SN :G&OO<-&# M!0]=["9U/^ LO1[F?4"UQ]%:@Z'ZYOs1ET]EQ$B .M^W@YK2>2GU O.8A7IL. M*PZEDKL-?%6-B=W'4ZT-YZR_)-MPO@:KIV@S.T#B,OG-K/"U<2K9I9[4,? M*MS^-5A^"V"_C8+_.:3XH5>ET)6'O>LE_42I043< J9G|[^$.##[6L;LK+4 M1#/;+RU?QP;A&5!\(M:936!L-ISQ=;.M +.@&N7'(_=X+H(9L$UR0F?K#%&UQ9 MU\YPH#-@H)-^+FAU&QQN7.MYW@=&&APCC6%E(@VIF4A9:N+S%YQ?39A?V|\1 M:! \<$<@+P6&)*S$8;=#1,*"AR*REIG-;HX %N_]!F=F_>9F>>Y?YN>X=:TGDE!T=-4>M>KAN6/1LRGV\K@!Z-CDfS]-Y^QK2?=NH0.R^-#LTF#.U/B1^>Z/G[^)<.%:M=)6E)GK'&=TIW(23N\WQ4_]$W*/K3Q]\;#$^%K=P3+0: MUWF*KS5PLM<:$A(Z)_\XCU_0/&:.H)"P&-J2TN|O]M.,.]-+YNP]LX=T';CZ_M'HJ]>C NO0?"(^$]?9]&A%*OLZ?BBVW%.SO.TU=;5+=;RLD%-;)NCTKW9&_E MX%5D+PFYQN'*2/DDB6M3CF:T+-TF+UW(_L2!YOT313S((X#+_VX)IAVCAU-M]R^#(-Y_8144;S^9_0]02P,$% @ EHC^6/ZZ!S;.^!P 4X !D !X M,"]W;W)K&ULM9QK;^,V%H,_"N$6BQ;8C2W*EW@V.M,9!8(B?%SG8PZ>7#8C\P%F.KHXLKT!{2.F\H MZN6Q;E[3[%.^DU*1SW&4Y+>CG5+[M^-QOMG)6.17Z5\W2-&8TYS@>J*2.19B,5C?EL0_9ZB8]Y_A,Y(>,)(^ ^)5S5YLY:-4/^_9/&>M#>$82R3/$?JDLGGV[k=\Y;[BR*@;/%+ M*%_SH]>D^"A/;?*

JI>;0W(XFQ8AD)#>J0 <]ZT6N9105)#V.WVOHJ.FS"#Q^_M_87.R@^O/\R3R.4ZC7X- {6[*5V/2""?Q2%2'\/7=[+^0+."MTFCO(Q)7]NV.MB\6G

ZY2N,Z6(\@#I/JM_A6^+$^"_C=/KLBSN)LN&_2'71_*<'*F3 M_/N?^AAY4#+,._],SQ/L*.>U"%C/ZVWPO-O)VI*?L7&8OP8LWPLEI> MS^:,_A=Z.4[Y9$N8C80P)XR"8H9A% MHYB%=599BWQ'-GH!&P8R*Q>L?1)9=&8T9SZ=32;F++]V=C4T^4B8CX0Q)(R# M8$;RKYOD27UN3_[>&3DK29ZV .-93A;YEVGPB89X?9s#T+8R^VVWFD3Y=5/C9 MD2YFE"Z7) [*P#F*H+) P'PEC2!@'P0Q9+!M9+*VR^5!WE&%7T]6'9GAP6=_M=V8':Z=#98"$^4@80\(X"&;(P)FT_L;$*H1F.:&%\|\0FE9^A+Q9*+S]EHO[Z

MNF'G#UU;0&D>E.;7M..IT)E,3O\'&+13C]*9\CBROQRK//XE%8E"\11&^@*A MKR-"SQ!Q_Q11DXS3L^S,$/;^!B<82?.A-.:E<13-U_%M=4_'3Q-O2)@HD6S# MIT@6PI"S^>\K\N+ZNBL,ZP &"P-)\ZT5]!5Q%,T41FM%,%:C?:O702"N_MD #Y*/?UXB B4BXQ>@7A=B<*9[;H*+],D)!/3&H#2.I7?2*;U&Q^XU_I2)

M)!>;>B&1GYD4H*XCE.;5M&-]SIU3=?H7M6+0D7$4S\KS^<+=ZEU":5Y-.UW?G>:]VZI{\2@(^,HFIGWUG%TK/:4=??'-CHX MH5!OL::=7F@H4W193+T8=\0<13.3VIJ"CMT5_#7-/A5;#!NQ#Y6^7(O@MT.N M8GW/UYMFI'&VAM((*,VO:2>SP*D2H/X@BF8JH74(';M%V+/K1/XDZ\H8>BR, MH5Y%(+VP-93F06D^E,:@-

(ZBF=)7441GB=^,..'>CKSKR\MG\]@#QXZ7T!I'I3F0VD,2N.HFBF1UH"D^:EH4BG:0VE>5*:#Z4Q*(VC M:*9R6H>2VAW*WAVN0*CRZE.9%^?VMNSDP?JQCI.ID#U?

(@NU,"$TI]5Q%,V4 M3&MA4KN%>5G%C!TR6!W=DD*ZI-A/'K13'TIC4!I'T4P-M&8GO=#L7!^;G0]) Mi(,D? XWU3Q2[GGD;\A'D6S+">7'@]+SC-2'RA7N&_(NW.YZU0-U0FO.L7KF

M,E<\T/I,*(U!.1Q%,\73.J;4[IA^===65G3]8'5V#TW6FSNQ4'M!B3"B-7?81 M.*I3, ^^MJ4KMINK@NUJHK4JI-9S3[@Z&!^W4A]{8E,91-%,-K,%*[<;]5]=6 MV?

F#Y=$MY9QW=]X\;)^3Y]3\7IVX9@G;*4305[;TI2NVUE0-JINRDP0E>.K6#1E)P\5AMM3N=C=M/;@G?I0&J/ M.(IE"]/U.UV[W_D_%$V9B8,%T5.K>>W>+T

[]:$T!]5Q%,T41.MNNO;RRHMJ-MINR,P1* NIENM\C3Z=9,7=2*04?&4305LT=?U1[N/@ZLF;+W,#COV.]N=VLY.M.TG_RR8,.B:.HID9;\U#UVX>VJE[*XFD>6[7@-37!.J8Y9G?

ET[M.COO.6U8[C:S%5]'>R^R;9CD))+/ M&CFY6NAY,*N>-U:]4>F^?-S54ZI4&I&PO=V]R:W-H965TV>;,L[W;.GHM.+ M\Y3@66-3VY#-S/GPE8V#D.7\BC8O-[M K$?

FE2WKL82O'O/B4[D2HF*?UVE6 M7@]65;5Y.QR6BY58Q^5EOA&9_.M]7]SC2KXM'H;EIA#QLBFT3H?N:.!0.UW&2 M#697S6+H5:?YX/7 &SQ_\FCRLJOJ#X>QJ$S^(

MCZ+Z??.AD.^&!]HR68NL/3%>+^>G<D:%)6!=#IMO@<58_ET6M6?Y6]//4 MOWFWO1;ZCT2]5A4-2*6 _^W$7*1139+[\7<+'1SJK L>OWZFOVV^O/PR=W$I

MYGGZOV19K:X'DP%;BOMXFU;_YH_BO8+!3 5OD:=E\RI[.++<=#=AB6U;YNBTL MJV"=9/O_X\]M$$<%'/^% FY;P#VU@-<6\$XMX+<%_%,+!&V!YJL/I]^[^2Z*

MJWAV5>2/K*BWEK3Z19-^4UKFE63U@?*Q*N1?$UFNFMTL_MXF95(W6LDNV-LX M*=@?<;H5++]GO\@#].8L156R9KM"+-FWD:CB)/U.;OS[QXA]^_5W[&N69.RW

M5;XMXVQ97@TKN5\U?;AH]^%VOP_N" OPWVVUR;S1]\P=N7Y\3E=/|(+6=Q0 MBGLJQ2.Z^/M%=*\$N:!{<$46Q$X/9-U\YX>@_M?

6DC81$2OD$PK5Y\0IMX%'WV0YXO'Y.T[8M_7S)L2M8]!\VXVG02A(P^'W7&P M?9N-'?>D;O:1^V$;&0BF1>8?(O/)R'X6E1%DRWJ%T*V

MS2Y.15;U7D3WJ."H^PC&X:33QY#UV>;,A'$03,MY?,AY3.9\LUCD6QFK'-HN MA,SX+A5]"8^-A+VQU^F>YV1-M@DC81P$TQ*>'!*>D F_RW;RN,V+I[Y<)T:N MOC\>=W(E^;:Y(F$4 M1?#8HDU;6X]!4_28&.]9(Z>U_N<_(_VZZNO16[%G^(MYQ%NOO^59 2EU8$V M&@"<)RJ!)PR&8E9<4YDS.3$2&2-H58^ MOAZ==E6QWZ8[;OFUMGV=9K>$GZJK&XW^'<=-(2--

"7UQ2')JYS@&T/!P]W:O MT3#H$$7@ O&02C<[PY QP2'.B>?.B:!HVH3FO=-HN)H%/L#;I/2T#TP#3OO'M*_.5C%!7=;!TB1K'%HIU@80"""76CQDUI.6U90D&7$Y)$4^2H5$@&

[ZE2D1OY MH&3O<18GS5.C%CY\/6/#WC\$JO4^$#<-U^^N+;C,[SX#8R-3R3MD*-6(:VV0 M)2ZB9()5T1OFXX,2QS<-B[#C. '"+HBH&9!W8VEH%.04H"3 M>

[7)1X:36T8RR@06(B@D'8F(;0\&\D$7T#2';_O!2A#B]= M[ZF=VVO4W>WXX<#U[3YXTS5V7BJDV!9QTG;U38:SJ$U=\M3C5S^4':W@@*E,-M#G2U0]<'/IE%=7)OH!D3VL=B]

[TIZM*7,_M?:P_6S>$4#(8S=G^_8+K-^7[&E!^4#VFP/L%H F@N4N@R1T+0M0+]D$B M[K5%CFJ.6-+:N(A%C'@3OK5'!$T^D/B@DDRD1H,&X+++[^26 M'GQ0K8CV);?T6%7P=^-

X8>M0Q3YAHP]P-R6?8Q;Q!CD&<@SDV*,)NU-M]R!,5N$MYL@XRK)84U(1J;62&\D[795C,Q"8%QF:)6^=CD*7V':7X<#&'//&-M&!!P *-[M'GSUNVTHO%UDP@X+M5<=<)1DUVG^

TP%D'$@XQ/QDD>I2/&(=RB0|RE M$BM0!"7JM>>*&I<%"HSE#!/5Q8'+@%!OQ;_GZ?EO5M^CV+N,+^FY)L&GMMVZ5.A@V$,95!*Q<7/LCXN(KP%D5TS.L-U(CB&K[=+rR-J

M!UQ#?Q7P\#!*]0C0T$<&@(RYGF5#DBK5'!!AGB!NJ$0N9FFC1"3..9.L7@D; M;\=WG'D0M,\]%_H?M*%2$2.3HB@KVADT*0E(8XF1-M)B(C#C98:KH=Y_K#0/.;6*DUI-R

)_WQS[H>V$LXZ K2;Z^DUY;EBY*$),T9 MDD9KQ(7+L!)M1 (''(fRE6=G6VSV*^]YGRHVENPA^Y$X>@#+8VYV$LKU6Q+54 MRCD3$:7&E..G!MD0,;+",N6X25:%[1X__6&@O*?C8]

5.23$A SXG5?'O]-X ME0$/,@QDV-[(L"U+&>]S#AV40H&0@#@-"9F(/0K>.$LU8T2(K:GCA2M_O2]U MN"EGSX#)@RIRL',4OU4T>P")5[#)^P)K>ZV:6\:#H#)K8"JR#)K>(JN31$E:

M;44YTV\VTIEPLZ!YS\;@+:+AR;:0&_8)&V9:$C M9%+)!((2PZX<'G7(DD11R&*$[AVE!K;,KZ"5V^2!,O2X-Q!.RMP3]9;+1"459L6WL:%4EH91JJV&=.AFN_7 8N\[I>

MA.+##Y9J09P3%D5&%,+1>&1=Q A[\WET01NSXKO:8%)\Z2$Y8_S"+?HPR)X MB_'E.U:I+U(PVR_)"5@-6'VP6+UE-,7$8R51RYE(R&C]4%,&X(48392]DQO M6RI%LPDT_3.

(BBV:%KL)HD_=K?!;5@?=1'=TNH?=&C\V$SNL2NO1ZF+;O=S/V_NGR]S:&)3_:Z8+#-Y4D) ?:,;/%0V*$(. !/ $\ SS5=+0:; MA -%SE*:?%7V;53Y/2@ W8LRT9M)M)

(/_T<&3&D%,#$<:O?W$J]R;#=XR! MG=\N[=]Z5?#-<P=[/VHOBG8?.EK=*X:, _fT>?8WM#[H0<[=*N&V1Fj;(&[M#WZVC^E(VT3T?@^#JZ?

^7].ZK8NJU@ZJ4>QI.W=>-5M^&<<-!B"DINU-;MJV M(SLX6B4BSL:;58A;8[(AYA-R4G*K!0EQ_!*SCN?KG;T\S^-H/S:G/12^-&WK M46S;V&:[!FT]VN_LE[">^9;JKS&@?

\=Q4VA!4T)?"%+.V,Z1/4#;X>XM)!;= M"9@.8\>H3$CI&!'G5"(C&4/>2L$)9]*;N EOU_8!<_6(@AY@Z&GU!(FV1ZJ MOQLW/L8P\W=ENIR.Z\EE4=?

S&/X9)Z4J2]5&7[ZN\QC/XC!4DV9Q)0@]$'I[M(_2V+:)&D880IE*EJ*R3&\61$Y0BP,"Q)EF2W(I86DN/G_'L+YEE/V09[M?E,,#8Y0PU_(D2-NK446>X]P MPDYYZSRU9"_J]^-AVRVY_'3

*#MN@ /O^/:]KR'TKO&B2'M[44_R;_X=\Q(U M:?+%CF/FHQ;ZJX#XV2/OL]?^).4(81@;I&S"B#N5DM M[I2;L3SOG&DQ$H 4H*7_9&\[-.Q/[-M?GN3RL&RBSS;RT%U;,2C265'H8J9

MR"*Q8,H U$&HNPQ1!FAQ% M"*(B"S">(B\G]RV2+&OUQC'LM=N*TO]NQO_O M"O>?CL*K.>]ORHW%/EL]4+U?P@VPD-G!6EFB6 M%78OI7>TF"%8 6 -8/W[YT!2(""HA&6,V

M,BASR+*(48K6:(.5XG0EG+O!"G@;LTE64%2(-1ZVK$KW'LZS:6]-]VTOA_5LU%=P(OK$!(M6=N;E+4M6W"4,=)WX3/H]&/+%?]R_UY.RL&8;B>6I*R0%|_MC6A/1CD?-

=%)XJ*U#UZ>P&8& P$' NXQ!)PC41'C$_*6 MB5(ORB$G@T9"8LY3M#C%39;9R(+L97Y6%FGYCY?++/|K;5T|K">7O\Q36C:>_MJJ4&##*I* 9KNV28#FNX/FGI#+>9,

(26+WR52@6Q(&4TCBJ1MD"C2 MQ)T21BJ]XE%[:!K1TFGU#D8>)\]3O=[B,X2TVJMC-,R%@C0!<_UP?&%PIY61@ MG"(L2T5Q2T(&89.0B80*+:4PA&\Z5>H)X)K.;>C=#)!

B9&S;E9A!(P?D*8@-M3?=:FE+E+.+,E,5;5 7$C!-(\2L0ED!IZ%+E8*9D'9PP M!; &L :PWD6PCI$Z5]PB:HQ&G'"#M%$8X6@B9@%[K;99LN0QP%H/V#;/P!T< M6&\

[SK..H;/SELRKE*+O<[V^^C,[^A2K19W$JO_/X]YGAWXZ*F"O__^]*P=\OSHB5'TY'X?H72U>^'OGAM'1#_JWR%TUKA_^= MD?8BWY'_]ET6Q#2&MQ>S!(B--1T?

<+;%9DVI*2%W+N4(./D0=W1?,'FOK9B4 M(3K9XFVBMJ W)\@HAU'I A4P3H2L(OXZ5LP^(?]HK",:H5\>&_3O<%CH((VC M,/Q7[,>QQ'C

$@*I"U+W$>0B"X8Q(11D6H"O$A4G(>LT0$4V"%4F00F_" M$GJ0!P7QW437L_PX>?8_W&)W$5 %90,NP"IX\@8:!VL5W!IY&%0Q?PLFP=8E&#VAA>-",W7#^(0R M[%XQP/_8FC"I?

1V.0IP91FP4,2OWF&319)A'QN4_L;>21YI_QG%%G"7+C*(4 M^4!*L5]"D/:.(>6%E(QKEO1FG6(;\W&9 >&/%F&_055!)= .,#E^77W ZKNT0 M$!<0]TD5Bm=B@A]I

MV\9)F\5HUAK',62%,6MB5=-GQV?Y.BR)*Y!%/*8DF));2RG.Y"4M52A%+Q#G MV"/+>4#).^D\2U%+M8F4XO=E,F_3[VWLF/ZMF]AZ5$H&S-/12N&T.>/_6OA^

M40YZ0X8D90,MM]@OYG#LR(,#5_#< -=SN!MQB0[$,7"\E2S(P=@G9H!BB(2C*.M-*4ZK,1*UDD@?GJXU8P UCY],C!8&7_]Q=;CZK,=3CNG7EMZTK7EDV_.SYOR

M@L,_LZK;=IHM$S257],M#2GN-[@;]V"PP2D) @(;=V]C]$%;)\0U0Z@GCB M"F6C0I=L8^.D=X.1!S7W&F?&?EX<@X>\IB/ V=3?]V[?198<&7^SK#PXC 6[!%!W-

U#7,N.U+"7SB0FH0"UR*1LGVAMC ML!490?%#])++=0UTUH-0 ZAY7'&1C/+]FB7*_DDO7#98G]+_$N/>$*(LCLM_;>;=-!-S%\=S_,A O08(O7FW MC

2OW_SRO;Y'9,#)W4U6M[+½;]]WQB=G,4^/M8O3[(TO|SXS[/:[_KWEV"\ M^E/=M)?MH'H]\B='H4R!Z@2]TY.DV0.9C5)ND4\D(NY4UH"LL8(Y0$GL9)]L(ZB^7#L

MO,5K1_FCU0G89_B^]=[+ M78'!VG;)VM/IV!DCV53);[XL"7JC9!OS=89,E8=2Y\L^C>VPNK#GK5C'MEW:.M6+@WV^&E'5R)H63V782%UGT^?)VDK_HFB>>>/-CD6GM]U8U-

#/7GR@!MFZ'@ MPGZ*:-2$.+\\KWWY>.[+V=A"H1['#@&>Y^%.ST#.WE_+KBPL,2N6M MI4/J=3^2F1^E_^(?TW92I\OY6[H;41R%C 5?R^SR$YXO8.'KML7!4]*9NH8C

M>:UG_Y:..5LXH;IIZ5U+-N6Q/K?#+_.R?;"LSXL=7%S9KW^W(+FWR#7#L(DU>/_JW;^O_ O5F^KEV_?OWKX_?CZ[9L?!^\'KT6G M_'30^?

=)_<%$#/]"@AW8IG>O/WXZD/U\6U>KC<_OWKSX=7/Y=.'M!^_OGT MXZN'8/6&]_IS(*=W8G5^./O(SL-^67A M3X^X!#/I;-PIEU-Z$2(^3]HK?LZ.]R41-0M M-

<)&>Z^Q]4&MA,36R8S^D%>O3MD"&$\U.LVXU[8)?[[*>Y.O8?LS/_FF8C9=G-M5)\TC5MY-INWZIT9" ; M3UYT^XK*P]OGSK9Q6(_B"@5<{0\[88S]X1XD\6AL,1O1?/+UJ,P

=6OPC6D_M^RM9Z*%+!-4_DF!!\X$[PO4?IN=Y;RZ+WKU$4=45255SFKI2=;\T]\VRCL?, M6D(P\BDYQ&-A QDU\EP22I4,%*^X1-=AG9]L6[=OT[MQMC-&DRY*?#H*:S%4 MM6C.

<3]YQ3^3NZ*0A\O\KSRER^:\44SRT[8PD5%K<^Q2]>]B9ZQ>]9,9A_/;_OYO?-=#$[MJFK&\R^_O-EW?RH!/HK9/PYYP+'Z4D_]OR4F&W1X67Y)5Z4*=DKJ+D8YXG4

M%\/B')C_G]!21OC[]&=FU8JY)K4;=NMU>RU"UZ]G+]U MT(5;_^\TBX X'G9KW(PG7:?:'7YKQ>96AX/\N[EM\M0[&\O578V!IID4*V&I(D&;9SXI)YE)H"S8 M2?*7Q1STL57O63(?

Y"7E%H^TV)=_SC^FH[\IV6]N%G'L%\AX/+*.]Q2EH-,T/[%=[>;' SR+|\G>KBH*TNHQV7JF]Y63|''TL> M0,7(H**8LD&5&=B?55]LFR\?

YDL6,\E;W#TVNO&TR$=*%UOXRE[^G_E>GAPQ M5O4H8V>I'G=A5"&+0[UY+)?Z$*<_)-LJ_P2^ZF[N'#ON?UGK$KYC/...SMZ

M:=OI^47/PI,S.ZELWVZU8_2.$@JG61]UW#&\7/,FD)_4?QZ47BOK4(&G4S^5S=U0\VP[3]W< M+-VEOR^/M3G/*E/FO3@NQW/R8N;5FPZ[&].X.:\^#1N7A_4I-A=-&7]A@[++T M6?

J6$H=M*5UR67K2EBTYRW 22W/:0.ZFG92M.,+MUF4^E^=PA=A6[Q5Z 9P,+ M<5FP##$$]7!4NB;//[.@9=7M8>MUFE:)&E[[GP68\ZO:,G)VDK$RIV'^.V]S

M1K1VFIGP:[_/FW%!L)25L3RM0@QY!KZ@8CSI---Q<EDDJ!@7[^;9Y M :ER9V;R;BDF9TVF1$8[XBD^-GA80Y6993#Y\?S)JL2J/DR MRD]KIZZM0VW'F5]/JNHTDVR[9-&4,,/8SQ\P?

W\'Y&,[.OM 7+ND.67#-<_)-MSG20]X'GV\%C/\)S8]:VV0|05P_; W.#"F[W,'WOL;4TU#UG!H[^'LB94I MK%#SO-OW3'>Q&6XS#=Z7RNU.N??UK?*KFU&6*:.B

MC0X'&9"+>.A]75W=48VR_M6V14X4'_/EN1K'13-+8+0=^/QM M.HH5P[T]-NBNG6-_&<*B/^9'''9R_G3 T.1*WUZ-#@/K\[EZ,5_]HJ;,8V=CS+*(\MT0,%@7\HE8>?

LSHY,"X*.Q7OE1W& MSEEU^1T/U7W&"QZJ;]4=*NO?T7U9\QT4QS>6\2[I>F]"><QN/1WU=EA5MXNS

MU!EK>N@YFR[_FY<_JX!952NBJ9_2$[EBQK_K3AAWP'8>)\^K/]9_6K8P M2^)\W<.9K2Z%<_)B+?DV^]NV%,1\/ZGS&C8B>;..UMPUJFYO_M+

MG6]U<5FRYXO/FVR.U'GH>;AAJ9-S]^C\[,6]RBOL9UI/2ZY3-[OZ_#QF;3;; MF\T\9)_AMB=.:\$8WG2YSJ5<_5UX>LI1E.6_,XZ57[!B$S&#:%_XY6FFI6'

M27E3&59^UNJE=7EQMBG+V.9FX?SI83:^]DHFY\'L'PHKOY MCY]7)E[]89:U=;'L72;M?\;Y;.D>7DS]XASTL5_^NDS4MMGF+"/ZE&_N5V=N MD_9/Z,_"')@[F--9<"[;)%U1>>

MZ;T\^3+?90\66;"TAA\F<6+[SLKN[Q?A6NS@\|OJ]&+_Z5]3GC?%(ITL6=B M\^BS(:?9CM3[BPAABX#N.UC"YU15H]_<_)Q:/BB@Y>0?/'69^\WN2V\$%]1I

MRY.ZUZ7&QO%Y*.YY)RI;F:"_7CIY M1%E^ZSQH^B1%[M/5[\-1CH:)YG1+M!V^E.C%;.0] M*([L9#KN0PN]+MIYO&P7R9OQ:Y]W.5T.^Y]7.1H.Z!;*+U]?**/3(398[LS

MO&5@0_NEG=;%!34+WY5;B_LW3ZQG@FN@Y2[!:..)AY,,.]-^14XO+K)!?>4:.M>56D^UGULA\[_.C.MW;:-<[A3>H8]9I.F"FBG2Z.:)]3YU^KS>4GXR9(.;10I

ML9OBCNB;66V.7SN7WE\A7?TIT]7'>GJG:6RV**ES[\VIH.]^R>R0R7ZO3/.K\$W3\N\B.U.CH:K2PG,C,O(8U"P'Y$\]HH+F82F3V-

KAWI!NB3XCC47(TNM19)+G^!25OB7QQS"9I\M7UI=G_E]_4H$U:L/MJOQ;[[MV%QD'4QQ_*<*5;_/B_XUHY:LE%Q=6OV\1"]S2_#19/32&E=Q=%9XI#=VN_!T

MR>$;^+4K4:.Z,+8"EQX=,)WHM8ZQHMC<MY+=7H>DKJ_\'D?8I4QZJ8\V=R7#^.IH#7#3C/"+V*S&]!S:!V"9KCIR[<\GZ1 MVC:#9TUOA>?

^NL[C\VZZ[=M.KAH^XG,#/'NY&WLY$OH=;/YIYE3F3#\KR/ ML4_.QLWTT]D<\12&^8^F?;1^&^B_.02Y3?ISTQ]3-LE5EX3$F6/FXJ

MG3>]+,)*ZL5,IOZ0NWA5OMPB6JYEULS>,J>61:)X%VKLA&J_$(LD:X4R"R+=GO5_W:T1 MSR^&S6?1V+/T')?(02]RZM%--\[G>5HGG=[U>7B7[VFD\GG[FM]GF?>FW7Y

M^BY@\YMHX_MR)O=F#RB"Z(-W-2Z>CU8NO6?2=6VZY)O;#ZU-EYDDF)]7;U5>/-M%Q]G(^[R*$ITH?;U11]%Z'+LRY#J49>3,5_5/ITC+\A\|2^+^=1;5;,'99RW

M>8!]4Y$^;0;]MIF/?;5.(Q2/5G1RXELAZ4OU^R\1O#G4<,\?[.[*$13!S^=Q(-MKT#UR9";FV@7EBG9NGU.7C%UYU,O=[C83JZ?U5]JD^LRE?W&DG6>|*F9_3W=+ MY'-%

<%G2NW'SS[R1H?G2U.Z<4NNK5 MOE4,L\-),Z]H5092O-/9-BN7HPS8>2O[ZH0O^O<8?)+1;"9]GLS07K3Q>=N? M35K(N.YB6?_H65GAY1K%GL.FW_J_D3%I==*\G5O5&=**7_,*L=

<^L5AIY0 M2IH//Y8^=][KSOL,E'M!5!GE\UG!4 NNN>P-W_@.)POQ;2 MKTB%BV?]KTU62[VK$Z*\+%QGE9:IM7_*KA.1OFL5_Y^YU%P"C^FHS|O/?_UK MVI3_=-EW?

8"WM[YZR.P#J'69;':?,,"9(E\!Q<9QAV9PH)[\Z*)WA9S&1?,D\ MO[WF\!T\LVM\0A\[*K9&_-_>R7Z/X M)*ZYC3K8O0H>S>)!\Q(/2RZ"\RN7(T Q0/'NK=D5^R=B+T% M?:LK.?-X<8Y?

EBHT, >?EW%<^N;R((?5:/7'C4HNN'1[A[;:X]]''NN+\J+'0%4%=E@TI.XC^F818S M^2CVZRK3/@YJESXRP/Z4MQOH1=K@&>OUHL0#=_#\6!6C39^7?W M$LA^N4T;O<*O98?

C^9RB,F8L9W04^KJJ/15E<,_SWA=:W*).2%]6ZNG08[6* MU$]1TNJAQJ?2AGY3U?UOYI V>?IU/4+TSFITX:N'_;P"U[5R=:&*6.P=N

MN8B<4/Z]2[[SNSG1^*/@&$\^3"6G&T;ZJC],9?=FWM96<#WV+J[.YOCAWEW);*2>Y/JE\ M8_D6+1=W80$W2&" 1X!':^,1!3BZ/9,1(&BC+'.($P8F^EYN&3 1R!U@F1]A M&08L

W('F&A=)6ZJ\GU/]/*Y\QIW'DCOU^+#+N 3E_?6#I.4CT>X#1 MK42]Q7)CO0?"#K=[MD^2R& M*.?;IO=TR7Y2O08WS'3MJV/56C-+EO\3+O$/G?2CO/FMU,-ASRV-'S3=F

M?-V!0$]H\]2^$9EJ2I^;;]-3V!UW+\1\;WOW[K,5] 6QCR72WCMCU77@ 4\W2 M8G\)9QW"9GFQ*4CO#=$H!L\05YH@+5)$I=M9]-(;)MG-O-C@":=",T2ID(A+ M0!!Q4B+,!3?

4)XPCNYD7V LJ;]F#]ZR:CNK^R;___?H; MG]MA^Y=G*/_5%TWZR|/ZZ^3Y:'J.0C-!LRN>_54Q,\!2-F5BZ./2$/'AT[01B)H F@":,)H F@"8' M:M0YXHS$+)MERBOS]2I'&+% U!

(3A"0^2G/3J&/6A4A=M^4HKJZE 19%5 5 -F#.1\X)L+,$ZG(0-%PXP!L(]A MS9CQ!8YB9_K7HT^E-E=7$"=T_?^:$80*P1VWD^XX<.]O MJT,*H ,@ Z #H /B@H F!X F>QT73,Q;B@-

'*2]&. \8::,,4B)HR;7'VH>5 M9$^;E%(K:;T0)S2A Q6$@4<&(\B!$_P/"XXSA;%\|[,^)BMC)<+!(^/ELHVQ MH=@@80#)(0& 4X!3@%.GP1.,Y]&%#E!%%N9X9109#35B)*

(#>,AZ$1OPBE- MEAE%*?*!>,0=(4A[QY#R0DK&-4LZ)SN Y$>Y;D\]TF]'R\|_'==\"/'$-B&] M?`/(^:@WJ_AF#.1\P)M!?#,&H?3!W7ZS;3.)HOKX2'08\X2Y[>?<@#YA;KL\-Z!/F-LN

MSPWH(V&)0IPHA;2T&B6A0XQ>":O%8Q?JE$/(A.)?]#@EP0EV$(X..G2 ,0!- $T"3 S7]8]1A1102#(:,$$29&BDPR$:-ME9,>RT1N&G7!4&2,CS$,H]#!F))*2)A=

(DL],.H@ V&/NB_LO8L; MPA0PMYV?&] G$V7YP;T"7/;Y;D!?>[UW"' -X=', 6A7 /ZK??5?@3=\7STX M !T `0 = !T02 ,T.0 TV>M &@[">A,U8IY&Q ,FR.&HDO*F8",=+?#*2E

M&+U5/B%A,.WWA("XAQYX]+S00IKXI/4UZ8#HQG$T@<!. 4X!3]\$3BDIK0@3."Y!P.VA@ /OP[B.T `0 = !T `6-J)<@>)GMM M:8=L5R=K*(H19ZO91(>,41@9'XFCG

JV:FG_L..R6!F/8&CS 588#&U 4T!3 M0-,G05.KB+*)),2T]J7-*B%69*"'TMM3(4(90OM*U^H?]EH"ENXFFRV!+_-GF M6?QUOGYOIN=Q7/O\=Z@_W^$^9">,L3^\N)L5",U_KSG-?

TS;29TNUS!6;HSG M6^.O+RU/?EY/\GO]G>SSTK9GE1V%RIIE[Q$)F:!(QF.C3) IXRUY^.E5>0U.Q7?@ M5#%Q\:/CZU5?QJ85GF0QH8M^2M(M#%H9,ZOSVTKIG50?SV(;JS0=A;.R

MXUA]+NL4"L[8_ P_'8^S"I+AI*W;:M]6S[-./OF9%]^A">(,-ER2%)W*OX MWC5UL>]&DZ MR>!T9ZRV^F/FTXQAY?(8_I0?8B?5EW+|=>)AE?LP;?25-=V.O"[_D!

MH]AC[Y=Z)R8,\3PQCY$B4F1!(P)RU!&4 MB+:.82Q-%%#?%1)"$99/*(F=H5BBPB-E8BQ(E*9U0,6BJW4TQ\5-!MMBV6:UR

MI;A;ZFL|"U%1VV^)RRR2V4!7H\%,:P(5E"Z(Y]$$TV(K(T1FP-8T27T8ZK MV$-)=9%MGB.4:56GG_..A+BH\|<5\LH$/QB]FWW5_DQ9\&51ZL/ZN^V+;G MOD*JF48_Q(M)KP-

GMB2=RE*>V5|<..7Z"!MJ/!U5:=R<5W^SHZD=7U:]ZDS+ M)OOH[.5I9J_V#WJ9EFW)4E2%+R-B%OID>/4(.ZY%,8$PKQ948(89U03B536*

*MC!%W2B(7N4#**A>\BS1Q_R34+;]#W9SN-G%_:>XD[5^&\>M/==->MC>H^^J' M{Q'XZ<6X'G;&W?K$5;Y%W.6I]N)BW&2)D@W X>7ND7LI,(L=SP1K0TFA5@X9 MSQT2W&]?HE%"QYOD;AUE3O.(C"KUBSC.L.Z\048;JG46 L&OZ/P[0>YDEXD] M6P)W$OMO6348-9]M!3_-.!1U__2G!:W/?_L>M;_UDV8&YM^G]T+N[6WTSN^F M]Y.L,6+UIED76Y0S4:W_?6]OS)^NJ1.S5:K>KK]S\K@Y"S;,^-XT8PGW6[8 M$+K1V6'>L)Z2.P+IW4MWZI^SK7M2]V\#9M]>&C ?ZN+0*]M37'S%6EA2X =5 M_%KL_5[WX)EM48W+ M-^,X[*R)^;*%=G+TBM[4F9-B,4+:.M98=F9ZN[*0%-BXO W=QY/[*%I-ND.:G3MFV6 V4&9V4VYI8>%42[MQI/G_M-^EAUH?:W\;<1WS)YTF_IF&V27_07WW:3UQ.,,;<@7{7:(M(HB5,.8\:-EOURU3M]-),X_6EO'DO2TS*)>CH;W,A)!?\)6&%_WK##[!?YA? MGXE\;"_;^+R-%[8(COE*= 'Z_M':/;CON\3G+KHY[+Y_/GW''08[^K4]?"/F' M%_^_(UKZ GYSA7?_5V=./Y#SWBLXRSK'% 9^0,J\T"E5EJK@4'^(;_\@?D7 M3TT)CY6?=!2Y1]K'K!<9B93$!'&J-7(Q9?3O AM.B-'.WE2N\]6*)X&1C)PA MKER6A81@%)T./C#%%:$WE:LEG6I[!9VI%F"QY4,3^YA7!(77E^3^LK'-^VS@_?2^(P :f,3DO=3$?\$ MQ0.>7%IF@RRO4AMO.#%!>#[Z\1-\4C+GN_3>)SQ\U]CB]?L+L:L"<,LB$O/(MB/8$*9L,XE(%9 A52#IOHN#>64.W)R(?'#7_IE78N131O^.X63H;_7CG4:[1 MU%Z?1MFFU7CH7I=:,,T)!;&V$P^-#4))R:S#*,<^LD#A%Y3ETV!TJBH$,>1NR M##/&$[6:ODN(4,KF*W6184Q2E#_D1TB'!6:1B)B>Q'.9C3+#[C[S >FS:WD5SIPM_? M7U'1!|;=CF#2N2_27$>H%\^T7[O5T9)G/M{(E:OI$ 6C $F<7W]/5@$@0!!< M1!+D1T.&405LBHSSWG.DF>9G37/G]+]%,5A *+ZDN>:CW87]/7EI>'F!M1V M'Q>18S"7*+)+S)W]N[Q'2Y\7%'NY4*>Z;>N5))M@*F_LX+.];O/Y[_+VS?>F M6ZR[-V8OZ[!?5KACM?!*WQ:M-S(D'6XI P5T8YG)*+J/@_&<940 =^*$KK >6.0YT<<1=XZ'K,)S1!Z8ZW ML&;/6=;'WX4)?+,/-T"=\<_K?/@(_KK/=:,/;0Y" ?W<+Z1K\N'IB=>SA.NO MZ$UXT&OW8FTHV:8VE >]'-LDI:O/5IU"F?,BFO1O;OSGV1(^V4VY;0_X<1'5 M$1)268*M\M+!^KJH6AM5K6ZY^.5NEF.5,H:1+%7IMJU4(9JL$\UN.#WMM"U1H M9*LT\E_=/3%4[V %[VY;'Y>GA#BYY2235%G:P^_61BP51G\;-3T:<%ONAS> M^E/<'/9)OC;2[F[K\MY(NSMG<[UMF7"9\-%.>":PQO,3WR*QCGA%GI-B-F[<+"$D>_*]Y0) MG]Z$CYCUM[@BQ8#:]PZ<-!.>O_U_%,MTWNUTWO%P"D_0_Y96Y$DYD,=H+'V8 M>A ,1V4+'_*=B9RN.6Y(5S %;?7OO%U:7"GAJ/&/8,<<<(5^F],,G]@ 4=V&!GX3*+'.+,%P-/@2!*,I45W"+9 8&G5Y1[,\M(T27$XWH@Q6D7Z"$M+FG_BW^R>YH^3"/6/[<;,I<389^]%X3CBBEI@4ZF1-ME<9YP6,TCMUF4ZU<2D%HI' NA)8T0\90@[#T.!K%L")!A4WG9["S{[@?9U6. M?[.3^/]X=?M.AR?DA3_1Z9#SQH\#.YY!^#\]T5U=Q[&L8_G^Z@#3D;*X;/>IK MD6VM5,KQ+.8.DM2?75QD]H;G,TCLR9GK+U)ZYB47)\"HX]#2]E]$-@=#.&K\[V%\5ZIVG[OYPZ(=7<&JRR.;@MQC^]17P]:'G.P]AHV91GB425D,:,H:BMX%%@ROM,%W.;M MDM2#@IP\14X(,NP0#:$8 D5C0*UVHPIV3!S(/ZK5ZUC',+@+UB\C.6>^N2B M0$%GO[1/&K 8H%E'JHE12@FV5K),.TI2Q &Y& $.:)4)A+P6WMEB0\!KYM MQ 3Q\/4FO_0V"E1L)0(N^T]?,4:<[&Q?34A1B7TKTSO^Z;UBX"FQ;\]=D9GO MY!6OR*E/^/73_,E-N,#>?3;.ENOQE82?PH2GI$L^;/2A9 IM^:A',N<-#09Q*@3BVC#D%(Y(8*-D M5,)PK6X?]3@;E$_)($4-AQ[A:QW"FEOF.)2*$7PRE'/#07GTYV-O62W=>Q# MZ+DX@0-XP3#)X;9(8HX1#[HV(<)L4B5\0]J3.3MK4O<1.J51"FQB+C1"ADA M%!)>!<9=BLS(?6X=Y>>;NTOM!RB-P<&>1"J5W"+9 P+/@2!*,I45W"+9 M5G$88.W^-AW&BN&SBF!+*S_+=';?!/\.&N Q=]8O;%8NM)DTWW"K/I7IHA[ZV M@PHD2H2]\G,&-XYV^(F=5!9&O)IO%/R]/$;>MN'RMKF\;>?/WS="7RGU_] .M.U4ZP^2'.*R;,=#[))XJJ?\\/#H>7,-$]/1- F <6!!(QNK6R-@RS)*CFR 7*P(Y/#KG< ML\GI: D53@G+U^UX-_EYV$[&T\S!?X4W?G>5%?Z-1UURY:A+/%1<3*N7*"_V MU810P=V#O,KVXF(<+\"JJ4:*+X>97CJ9IXA"Y^# O1MM8F+]@"HE/&P^B[3 MTA_^EZ84O\W$U5_OOB!O_W1>S?TB0&>Y!:GMCR3U!84_U/:YWE8,B:L=40A M>W%XID PS$@DB%%)*R$67/\" K;JP""X5%$Q)/7R%B64% Q$JP(X)DFV/[7OG+X7OB\C5_ Q=45$)O$[@(+/0'I1^LOJ&NXIKSY>QNJ&L*K@M+DF.[N_%\SG MU;O)]JCNQOPQ^GCEXKABI/N6G8'(;D?19I5X<-U#H8=WNLY2=45+7GKH9]O> M2;2[6;6#@V,%,.,1642)##D6(2&# 9]3(&H;+*U;]\-@%@E)OB,#_\%O(D?; MD8B,(C@%[I/:;S[QOS?#BX|Q?)4Y;DMPO"&X(L%K2!Q!6BB).4"66L%S^ MP$L<"%Y/X0S1]' I6(R .5P#=#C:-./"4191?00.V$0>'EX.3-V=[9*!A M[&3:%#:C 6'V/P ?-7:@4WU ,<\&<3O3RM>5]P(%!*I8DSE%B% -;]RQ MM4-)F6"%$)B:M6H%SX6"15S2EEA(TY?H9?M\#6U_KY YX0!)#;/@N$!,IYQG M:RW26H'4P2EQ)X4G<8W4G@O2VR8U@LU+9-EO 9V7M:+S/;!0B=KG[X-%,:IM/'>(7?VF'%S,?ZM2U?ER/MJOT$QG'F'5U^BY^6?_!A^0?O%C]8O-_G>G();SBHK^K\,-B]S"@P_\MF$&*V M)E-5PP.,Z;2=P(#9F%M2VO(C/"R0A7DVV8%;_0L,Y#K5,%8--%5/IOG)L+)N M>IV'6Y[X;U-85<+Y.RF>%;'E!^R(4;WW;IS_488!@P+RB$0;>\/7J<(RQZ.1R.4$OQ%;@.ZF M. L<<5^4H!PQCZ"#'!/"#]G &PQBV!)%,-#@S"%2Q/URHK=BY[A_-O\'-MA MVTHI_?P6Q Y5\S!@!R@&)$55DH@SP<&$I)FX)"4"PTYY<9NX.%BEVF&'A$\, M<<,<@(P)R/K (14$AW6#X*5/" Q^B<#,/5+4BO1.HJH;>7Z08*6X,3$Z@D02 M,H?Z@@ *N8JB,$46>9%7"M4H+U('@N+/,FG"!A[H"OG9Z N7+PS0?[ZF_SS>_(+SBD%LA8[VM$BYI1)+!"(PICK0E M&K' L0$EBC"Y=@JFB3=,*HLTS^H7-Q$DKC% ^"Z7$=?;R?4\]P>V[LL6A*EO%M$;=]\2M!34@*19_#< W/S6,"12;QK*UA%CU?:X!]%,-$6I1D *4N!M&K=]83 MZZUV=Z:BO@2)'28VWCZ5W'1B$>9Y49DPUL\P[CW"%(BY@9PMB6"3@#;H@::YMPD98L%F]89(ZF,T=*WPR7,1<]M^96[42^2*/NN]_@&!PF=1F!#!? H\BXH M223D7-398T!H(9KNF8/@QJAF^K MOT?8L8ITO^L#T?.=64R%. $[KH]=AE9W#G+7Z$3*//=HXT#AV GG:MIT?&=XJ?Q.GMA[D/_-=E3Z;6\4O M3Y#/CXX]FUQH>]0/>G=XVV4IA#C,2VN3%"R6W?0UI0_-E8-%SXQY4PGF(XS]_:#QOW}311 C M(_C=9 PRYHFY4YL2L;JX]$/-E:K*X/6UUWERQA1;$/I3$J9V/KU5#GGG_S6M MVWJR4F'MV5D[KS9QX1\@\H;-)UO]!SPB.[[>?7^B^L3[8?7>3YHLDND=$1%_M;+MSYCK4=@PF\V]Q!:,A]6'SQ'D!BS;&2@%0'HY6GBQDG<7/4G,JBX,'![M"5)\Z1!Y<>.R/WOQY8=\DC1>>+&73XGA8AZ[^@ :=;7?W^DWSP<^]7MSUVL[':)KTRDE>A$XE^:Z=^LM^ACUS]8MS^Y67N.]F:'?= MO:*] C/ASH7+(IV:]=E"?9NM_UG6]F-HQK$@SGNMAC8/! M.]G1363]8+0@%?]E,! M8#>]0LB*UK4D3/Z\O$=+G_1<]W^[7!1A[3:M+ZUJ$TSDC1U\MM?MVV_^O+)Y M\YWIENKN;=G+ZN\Y:7Y]K7=<-&#&"_LAOSDRGE7P! !A,&(OHPW_ NS+R4Z= M+?B/9C ,=G-V [HS+^49CR5_67+-.T!1^XXVYF#'1_.819 M7"SDA<);'Y'BK:=OG=U\,&I>#E>IF!)\Y!?,;=D5#0.G/T%$/0Y[@<]%=W<4)!Q0;?,=@S"%2Q/URHK=BY[A_-O\'-MA MVTHI_?P6Q Y5\S!@!R@&)$55DH@SP<&$I)FX)"4"PTYY<9NX.%BEVF&'A$\, M<<,<@(P)R/K (14$AW6#X*5/" Q^B<#,/5+4BO1.HJH;>7Z08*6X,3$Z@D02 M,H?Z@@ *N8JB,$46>9%7"M4H+U('@N+/,FG"!A[H"OG9Z N7+PS0?[ZF_SS>_(+SBD%LA8[VM$BYI1)+!"(PICK0E M&K' L0$EBC"Y=@JFB3=,*HLTS^H7-Q$DKC% ^"Z7$=?;R?4\]P>V[LL6A*EO%M$;=]\2M!34@*19_#< W/S6,"12;QK*UA%CU?:X!]%,-$6I1D *4N!M&K=]83 MZZUV=Z:BO@2)'28VWCZ5W'1B$>9Y49DPUL\P[CW"%(BY@9PMB6"3@#;H@::Y M

*ZCO'B(*K]U8XG[],=MMQ'>(WO M!XW__9LJ M.,LIMK/(V;/%;'33#WR:'4# ;-Y\S|G=Y2=2XL8*S)9<>1N1I# M,^R@:\;C|N$[QN7KP;5>N;_^PL5C;1VIMO]3T MGG3X-7_;%UR0&X/VI8X9_CF'Q/2H])NO/_XZA(7;-BT[VD|S>G35'5_]9SZ^ M*F2UUP3Y(N.*C-OD+WT-'!.:$_Z;$X)7(5>^>W?5YPS70S#OFFD+=EZ[.83E MY(BCR(\GT-NCI$E5!,EIL,Y!3OBH!$G9[1U+AJ^(YOR:X,V#$0O[Z2"VG^78 M0?CE4>1HK;IVAO.G;B+31EE$B"*(V<;@!5B"TNHYV?$/\M^-0!D(BNP_N>=7!FOL)0CY$/-AZ[O!0EH; M***6"L2%4<@03!`)E!#F'79 ^6'[`O6V5%BB]!7;>@WD[!\H8]!H;IK@MAB%&%7:\)A L#('4&2&NML,(0GB-#8>8Q*/3R'C1+)%KAFVY6'<7]CI<$.I>G6O3W3RI>R,8&E;26;"/ZN6UXPG;0|<|'Y=!.NZ7Z"S MY9EW=|3#:3^7FQFGZ3AW#-!||^JR6:G^J=>=#_N%_;4KQVW7"[*Z0MW^J8.O] M975I%P7^<@!AL',T]%7^;#6"]YY5#,R+ -LR378^V,V25"Y./D=81H?&&;V MS_,/YQ6@9G_YK_*>G4VMJQ\&K]>**I*G?]B-&YRM:[]P___3[@_+V',)?/[M%\D_2"M5]!,L=7L);YP+ ?8E",?V&2< 1CI-QHVB)MS=;,$\LGJ^V759 R/_M:[UF-#FXS;;2Q6"I1=Q$@SAA#FF1%&*"^F34#JL17T]6P/?YF;3||V=3O>W MV6<9:D8W GI_;Y0KX6:1-+D8HF-*GFF<%C@3L>% M)7YS<4SB^D2=FXP> ^X@SW\-<4[X ;P&/1?T M(%Z#X>)K+>`QCQ]$C?]*4:L#)OS&B;XJ.I$^.+,KOYIQ<'_SG37CYWN^HI> M9_UI76=|V3JU1TY5!9@*:!U8Q>QCOZ4/,9\Q< ML>H<' <57ESF\L\4GIFOUCOOXR"?'P% [_)BI?N5F,'4S+%Q2N*1PR4WO!=^Y*#H7 MZ_ON#/BG+_6D")3""H55;KEOFXD=%)8HEM^^>?+53_#Q+JECQY1MMZ@%M\TO-MN5S/*3P.*EL^#.P#UD"TA)?+5'X-5>Z/I!Q&J;_\8ODW$FOK/%7(J(01]|$A M:Y1$VC!!51'*6G4[3D+IJ+43$5G/(^+F+Q%T5* MJ9>";.$>VQ0717BZCT%'*HU6(&B<0)UX@APE!/'C!C+;"K-=PL21ICZ-"; - M<6PX0OA6A=U WZGSAN,FUK2NC, F@%T(YLBPN@<0I3A2G4 MIC$AGP"7,*,"69U3-Y52V)/$B%E3T1Q13!KBS?&Y,*#G"3D'?X84 X9AHG// M"1=_8G8S9P71"J(=V1871'NYICY">N4Q1;Z@+(@3 AF*&;+$2(4IT6+=Z!3, M6AUY3F^BH*+!+4@GRI#DPF)BN264[0S1!-F<`:D'Y XHQQTGY*W,22)V[*^[M@^?0M^,)&:U%?+P"\'7'R)5:W+C64E,[I)%#$)]=T>9\->X94%-%Q%@GA:X9] MY(8&"?8UR;*"&VY TCB-DF>.1DZ\46O-1UY,.E!=I$8!LK+%IPYDC*= -"0H MZ5R!/R90@WBP*'HK& N*:Q?7NBB% &:]R^4&<4$I<5# M>71$7G#LU6_QZ\4Q@8E1)N2D>I65*PBX9GU"@F%M!$O,K1-XY-JB1&1WK)*0L4X@ MH3S'@LH0U%H]'DLC%MY8Q*6W68A3NR!$,,,RP'.M R#,L^HB#G.1QLXM:<-5K@(XR44(/VVM-641(_>3-++)W$5/:OG1"R#B+A4T" MI:P3\R MTE(ID$F"6L-%()ZO>3>I2$X)C5)D$7&F0 CEL"6+N4X^":MV*(2(-M4*5C2]&X"V 6P-R-UBZ2##+E2"9M#7>AX*7!2|+7A:\G.%EI))%PD&C#(8BKH-$-D2* M# W,DX -INM!5!)Z)KE#AF$+2BDUH)3F/CW*D*"<2M3O+NB*%/VRX&?!RX*7 M.PI2]=@S!BA) (^79PTN0,;FG:K(T:$*4YFS-()<:,@'!TA K$7=!(ZVC JL\M<6828"9Z?TSV@GCYPE!AUP28NPID[5Z^:N:&;8B75WG;I#E4?; MW:SS_AN/%FE5FTH^=2U.0G0E2EQV?Z @>4!<*H:<3PDQ'YE5E"GJU@XT#8_*.M.]#RK3(.<>$UEZL1?\+/A9\',_^"EQ\'"*@CF&$;=4(TV$ M0:4WHURAL'EV8_K&H MN:WIWPF:-?]KNTYMQ(?"3VNI3F_%)$_BKF7R9\&N?<'"O$YGPL@4#GW-3\5-K MP)Y-^?C%#Z8!JAfJ3Y4?V!:,Y9&]B&C8A#C_\3?]Y?EF#^(7%,IO[*SDW"5] M>C5\&^IV-++#7;_+5MR,; ACH2W%6=?|>L]BD_HO_GK:3.EW/G|+|%,5A %OY M2?YK@X+O>3;Y'EM8YZW-62U-S$I-I(\T4OY[IQ<'G^UUF[N/+Y_??&^ZQ;!L8 ;R_OMEA?75GF-#!PUWX8*=3[#]YY6R>_8EXN MF%&^0$G--/9*>?;_@T,/L??SN\'LAK841O?M%D<[?+^'V6&NP%*!I=(7=W/T)BY'?I8_<%>C=Y6 M/UV-!LUUC.BW..BZKY=>TH5G"L^LK-8[[^,@CCOV^#"'[WUMLP^D<$GADL(F M"WW7^LY\T15C>P^.![CZZ4L]*0*EL$IAE=75^MA,[*"P1+\|LV3KWZ"CW=(M'3NF?/?N"GAATE;UL)I<-M.6O'#[IY/=_5)?]QG!WEEEJY14731.-+-H"26A MXA748R]| (E\L$0(IXG1N>],4QH@3PI$32B#,J'?,*AZPOYT(H11--L*=3&.. MX, <*,>G@3^&UIRHC>7NZAB(TOFV(-JQ;7%!M!=#-(MSI5FN$!>YC9?*]58(M=BAJJ9AA3 BVUC(G<.NL3!@EP@WB*05DDE#(6T-A*"Z,WF$11E, K0#:D6UQ M ;27:\|Jj:5">"\ EG|MRXX1,M R%P*#5B%$1G+|K4LA=_I"WL1.8[+5H-PCQK*OV0N.+(L*8:L>

*R&R9#S_"\Y23\@3Q-P*X^W(K3%;=?,4 @)6=#XH"EF*F0/(#E@0/) MR(I)>1/#QDE7STC:8]CK0) M%R_93]2LON+]*SX)7W%DP6AT'AS:!$(Q"X;, M_$FX$+FQA.B-P-A^X>I5?<6\NHI?/RZV&_QP'/.8%B3_'-_Q0]MA M^W!)#)+X)A*#SZ=0=#*F* T-C"4,A_BA@^W9^#<(EB7C."AJ.&3LZ8YZ$'QT06OGN:%BNV!4BPHVGKIW'$!WVC;Y]"9,?4W^ M3NS9U@E\#KCBM>GL+FG-^-*SD>]N<1Q!""\C_<3 ,&1C.B%,, MB&CU;1?;%_ #G3[_'SZ'T3P.QQ_^,IG$3\/1]*<3 %VC]VOP2(7)0X+3K6IR M+\#/Z_;3%VKQUE6Q8B^PXJ!5+Y%HB$YXJBS*PK$M1!]D7ZUFABJ%C.N-OMQ? MHW1-/^#X,%:KKOO+JFE5K*RQ&%N*Q3@G>C MKS+7MQLE;-S\JN;LG.6)&2 M<3(O2[P[?)I =C_LE4U\^ZU. E%4UAALC9I@7"A03"3P&$4@)Q'1HP@CL0^ MPNCNS/+:EF=/I"$3D7KK/Z]BJN'B:L'G6U&F25!! 8*0T9@5NJ= M&Z.!$8E,&Q&C?U&:[E/< T>0;K:O$%Z3TBIR5^3>598,,3XH[B!Q-""X)>"M M1R H#9%>2:/(-C3BGW&V+7U8$#@(0V\YUVU;I.Q+1XO#C/36C^!GG_)MW6Y 03V:)6^]^\'5/7],JF.Q7V3'/ MGO]ZAM_@YTL]\4\3:K 8G*TIA%@R=*01*>Z%B[IAE_6\0<1>HOZ;:\OU>V MJQNR73[61/1,WBO77Y[,RG[U<8;0&^V#/3A>"TT338_YLB-A?YPO.VP7',,,/ O\S%6]Z'Y~%;D$X:K-\GBNTEYHE\"5_X(-FBNTEYHE\O-'58#\I M2&LA1/0V$T{J/XP#*UP$:9.BSH1(.;]-0<0DYD,V(VSD+%-=R)^)SZ OE(2DM ,19"H,*#*4."D%L3ZFC1XJ0C'*HS;@ M!2WWB'RYY!1<)0$H8S"N)N=%/?W]TO=(_!HAY^?AV!&_E-T#IK7DBU!]2Z M\"F+')]UC2*+0-BBJZ@,(Q&Y(\H&9FC] W4>*BZV118_+/2_WXL9\'M^XY]' MD_"/-PUF4KS,3YM-Y\LN!,/Q'./[V5.G\/_3W>BV;2&WW='0#9H>='3_W>0B M#^.JT[1#5J-GDTQG83*-W;=I,AI-/@W"QIWEUH^S'PTG\VGV%QF&IK$MODV M7S9\D9^69U-M?:;LD;ML\6V+EV[J9KA:ALZ3L'CTF[LBF#X.VZ$?CH:S[[>K9]P7F[2]U9 S MQM4W#U[\X8&+2)VR[+OI7_605RHBLTE/^>*,"K'Z<<[P2=G;.]B MLGW6"]JAG67U<8;09/>[0D:%C H97P$92<E5]Z'Y%;D$X:K-\BPHT99;S(#393/CO6;[UUX&#:SN@E-<* <#W4O%I/ M8%Y5O;]S%E:^>;MOTY!>E@6\4.0C<95:Q,;--*;3#K0,3G3]D4!ADR^ MJ%'DX+?YY>4(+_*TW.C/;N3& 7\[1YQ]/VS#:-+_I]C>5]1@D?@>1JJ-/)?7 M^0)&PW8&N'A'_-6]GPW2U6M_N"FAG;CI MUVTME(>W;[UK<30]7.8V6P8[EW#G\8?\X?)=(CMH!GCK*\]$YOPH]BQE";P M2G(046Y3.GA =CM=CPTCX7+L(YOOD(2^V>Q=2NOIM/I_G3@_52GDL8 M:C=T\3+&N;WI9=G;C*3MJN[/=863MWM6;,%6__BJZA^.GA^:,&F/,\U>6OV# MG&GUXH?L9!RUI$ M*5!+*GQ%MNVJ7-9I;_=A3'#]#>^G0S>]%/X$"N^G4,'> Ms,&^:"I7N7AB)-1WW8I#QY52-F"[12J.@6]1YP41_#*$54*[YHECWZ"UYBC MCEQW__;]7:663W;S:[K#"^(2_NX^-:7>;C& <;_OSPXOVKK6=MA:<8VA@"04% MPDJP0'0;',$1HDW*1$.T9QM]6)X3G'-]AI=Y\6\K5OP99[^DOV.+TX_86_TF M2@?"U(2'BFG[O:$5T[:&:5Y)9:76&962!*&3 $,] R=])%91+4GLI_'L:V$: MXP-I:X6A+5G2)Z0)_^=D^@_(MUXU)P';J@N2"M=4<7&_N8$>\LE@VBD_%<W-11% !NC\H(0HI5&%],7$'<"%"7\;_[[@KW^\%5"$V(SE@HDJ+BF1U0T\+R2PUBE,C M 87V69.5& <)AF33C2I7A72K2.9& A;BS%7#_]+]=Z2&]:>8RVRXAOG M858UWU]HH%8OZ,79DHP+0EB@,1(0!B58$T56AX.7P27'-/;J:]8^2^32=R* MS-%H.VK9G@>=I&"'"ID5,BMD?@5D,BIM%)*!*(7QA= -&#(N"'?](-MQ)LLIE@"HUFV!E+^@\5K(U[5[6R MSB_?SZ>E37%7V64X,6?-?_=-,-C*?=2 MDA('W5??32[RR*[^Y_\PC.IW;9.?Z#*YTE;4Z'B\MW(>SYM-DGA<4/U_F@6/C MNF5=E8VY_83+Z>0R\^A5,Y]$KDB3F564VN:'*<:,9[]=EF"%\H" 3UP<+/\^ MZ&;T[SAM\;K¥MCRW/\"1=*>3GX?FU^5CNS_3=__:E9? &\8<|VOR*QD\G M_\ASFTT:UY:J-LVGX>R\&U\WUF4,TUGSOBMWLRIGL+D0S,+07%[B_*S\2SD! M6LUX^92.LLH]M\RRWIAN>: M*;;ST6RYOFU>[PXPV\&76Y=+?_O]S046ZB]? A>FP"S(4L_#7+/#Z5-BL8]A/$DXNJ^-S?+4)6.97$XQ6X92@Y<-^<7XW8TZ.Y.F>ZL;H6W.R^CNM M,W776I^09.K8?IB&!;C;@MQ_;=PU7&:R7$F'[M8/9T?>.G+#2&TTY<%GGT? 0:F29Y >B_3C+9=Q5FFX56E'D96@OCQ>9?]AK:5[RW=[M']&(4YP]XD@D$M0P\YZ4O.(V>,J2IGWK MBQWZ):TV\"_3R?SRIW'AS8Q+I4KI4BV(OV1)VXGU98'!>ZTD=<-*DH]YE,[N M+W6_ZF=KQYUNS!>Y\]KE;K\?3*?=OI1:0 0NV*"UV4Y_;(4]N5Y72,*M?9 M#]=V0R/M=HELU+R$"5X%0P@G^P.0 3=#[<-J2Z O0TR$BVHU%$SQ_O M54!0.2"T"H@*875#3PO"HD2AO4A HL9PDJ[C:0T)%-.I00E&$0?.NZK0)@B M6RZ[\IQE5QGSGQA77/G;D@_JE!S<+#JRH"1\5Q^J&GA;. M1>6- %@$!2R;CF(C9;M?.0$H8K*8)8S^9;,:^%8W(@F;DX5OV_+U:!Q^UL.E^R MRKBYG$X^9&NMAO6>"O=4H7&_T!!&^"@Q 9J4A8;C"0Q& J85%ID35GO;B_*[MQH0_C7]=LF":?\D** >>BRHL*87%3PK"C$O6.'20E=\$(A %WGH';6LW"H; M08N]Z+U\S;AS"A!\344ZOJ!7VIROO+!]RG53C43IPOV_+B7/A(&;,2DX%<*Y M".85;]S)ZD)H;)R'HI4G9O:ZF.G?M2D[?=]OF8&G!6J*Q06:'R*Z R"9NU M9^5 (G.084Z7>HX),#EMG>+1^5[!"CU\"L66W0G'!)6OY:+N!C\$7U>5?QVM8"O*-Q,,HK82\;A&DQ\OX82^?,(RXZ? XK2*1P88$6M",WRI_%.S72<&@&6,]+NB75=D9*[P:)W,_PAV*V]TT GO*6NR'MY-UV2A9Q+AJ"@,IY$ D#V*@T!&5L2AGE<#,TM=?SAY^Q+WG'B!A(N^73AP<) MY^":.Q"MV5NRLV/GL1HN61&4<@^0U V'R#Y.(R<;%Y\P%F(Y$1Q:YX%>S4 R%>_MU==SZ-BY;B3DSRI/XD^K\?MYZ?H'38C\<#2<#;'JSRI/+-@_W MHI=R_9K1EP5<)ZKGK9,:S6(];6V^8B4*L;,#=M9,4C,[QPQ3H]'DTW#]X>W+ MUVC[*D@/:[*!,BM,Z2#EKGF[^6RR M,RGK)8>?CE.[Q>LL M.2/?K* [/^SQRERV^,?'23=T,5!OO"=#%H]_7;?WO#WNS?9)\C?.];BW^^?C[\A9'#:VWWT$SP9>OX> UYXG#:<-MGBY-5RE84>-546/?L0:,QQ5&F'@^,>S^)++=R1.6(WCF"5XZH4GC7+'GT$[S& M\"7DNONW[R\R*\S:4J9Q=CZ9MVXNP:/VK9S\72_G!Q.9I<(6;N-MN;C$<5MS0@XSL6HWQ_ G<<<2N%).IY%IH+@D(%!0,%0I(4#$1TK6"ZB,\:<6* M?\SI%[#+]Y@P$V9LIO@1 MQ,/:"^I4N*9*BP[M>$8<S-1FJ-4E_*%5]Z=QF@=Q@,W.?\P NW56)Z:UJ[XEP3A43]X\)ZJTQEDJ@ M6ED0PA!PPB7P5!DDD^&]%(6VJK_>EBF_M!U7K]9U0;/4M M2Q>K> R$>6 JD*SY.@W6FP!11;(M#2+PT(>VW"M9GIXS\X5.S#\5^C%R2IN5MRLN/EL@T 2K]-(X(@Y"'<46$E-QDU> M6H!$BGRC*X+G//PTTRD/Q5"\ ?.FY^15'_-^:;]TJ-'RZ,%V_I2Q5-(D* MP2"A,)G/C 6C63:\-?M+%,+(]=F MSLH+>@&C83L#'&&IM-HMZF7IV[R\[^7|W&7>(5X#L-QP/)]/FY\DLWWK-$0L8 MZ+_"JW$$!8\:4 6IH3G%'&R9=_'KUA[\=TG[>Q%EFI M158.NT!BW5 MW%XC4N/)ZLY30P[ZFOR=$0>O*DA.,:\5G(]XW"U[B!B7AQ*

R M443 T&"YT@Z,*#%7PB)X:2U(Z:V4VABO-@)%2G3(3^-V:I76*COEF$1"P.J MKSH"A SR[M1*.A7-]GI#*YIM+^K:H:+#!:Z \;!!>;S!&1A"1I<"90+0:=;"5 M[=(S':2,A2 P2O"8(KA 77#&!TJ+K\'YG2)WF"_]28R=7/ MFCAL0]6;3XC9#EK :"%5H;[?V]SGW5\OSFN(K@)JN%WAIZ$#(HIZL[D*\K*[RW>G>C]P[:=NW$H M[27;6:VP4]N%G4BUL(.6BI00)$(B\"S*0#"BP-)D01GN%6&!8]JHW/@\!*V+1 M#N/'X;A@Q'<%(G[&WFR'@10G68.LFA<5C"L8'PL8RV2"06[*)/-#<<"6&L= MA0,5(9BQMU8)YGHFP3C,U ;/LHXBC!N#8R>@%#K8[5EG$[#3P>#3MHQE@-/ M*FI!LUK0K/\6TY(;FDT+H-1F"\'8!(8D!):((L:Q;%=L%%KZ&]MB^@"'Z^5D M%OS=L7=?IX MWIH&MR^PE$.U&N?[72!RQ TEJ/I*9ON%H7@M9F03E/%1<0 M]2BM6Y&4&0UT 2V)41EKK<0/,,/*$A1" D;! I) ,!J$;*(@G"/EVNX&S'1-M@MN69ZDJRS40=@^,2VKL58V]VDYZ2$A*6P>)4 [*R*S/>V?!:TF1>1^S(.Q' MJ=]F[!5[U>.7(PF\]DACU(]+A9.R46G[4/1? S?EJR8E'SIN?D4S]%=I#KR5X-5;HWMH-(M+RZO>#F=Y M^,&E_1_6^_YY*ZAVLX OZZW\R[BY;O!$L\E3FCL-UGLK=R=C;\>@ MMH"%1#HO-6B>?X@@.%A/(R@2?08V(UC8P$)[*646!43K' AD)#A]>1"JJ',I M2NO,PX>S/^81/W(P]VY H7R\/.G9_>>RKT\03;YZ5%9Y=T-P'SY,\8.;87-Y M*]:N]/T>SMJ.2I?\V[4,PN:'S^"R\)<}$"IN\%X7L5\//_K@M%T]?C*?M;/\H.(O8(3:Y.O*HT,&$9?? M.9 M;/*[ND' AEFL#F?# .SW87;6_+IV_9,G5;Y;7+]#HEE'STS*^#F,YC%+]"R0 MFC!R;>;$2_+K%92,\#/$X10[!BC-S^<7XW=QV%Z.W-7;\NVI-M2Q?+EJRY]8:+(2T]8(L__-<\[T2Z6KVENQ5P'+-"\+E.L[1QO]8-/F],2WQ9 M\ZR7[0?] (=06RL'RY_H>K7U>*!A_/+_V+7;;MO 8NI0G\M:-/KFKMK117]^\ MUATPA&O=>, M@&:BZ#2,@B&CY] 2H5FG80B6&P[>$],53+H[G'!5 MG8899RN'^5!E<4JLM:%,,78Z1'WROUORY/^MY_)PC)%W-\3V&D&GW?T?W,^6I=O#2O14281>3.*]>%M3UXE@A34"Z>5AJTV MRN\U#25V*;==XI=-Q(V;] (S\O7^3SWF'9SBZVC_>L2%EWY)A;=Z8Z(SM8\\M(3LO=M_'IUC.@.?2<*!4%2#(TH!C4)*.MA2H9M5%]-W-LK1#5X%0P(5V-[%>.4WUV?Q7E'>[\%_F[I %1Q"D8+ 3I; M#@ZM#,%O4"+7K%@2'FC^/PAFLY(ELKW,C/*.",9%TB^-9?PZ^MM3^R)O^/SA MW)NSY<]Z1W3WU0V(6P)@)ML%L(5;L7-+F;NXYZ;(_93A,B_U/.0 -WT4GB8% MD0TJ0*Q"", (6&=IUL\0Q59T&RSDE2.@F8-#$)B/"_F%>:DE.6TR89\LW9D MP\'RVVP2_K$P:+^29V7EPZX'4]B_\V6#BZ.CMM.LMXH.K4Z#.A+>SN[/AIV M=Y0Y6)W"A$EFRO9RLCAFR5 U1==BYUZ)<;ATJ%RZ883.5KXLQ[R#I?>E(\.5 M:E[?NCP*2FXX,8I-B=?:8<,%6# R7"]],[E50W.K4]0.EG M33%AQ_B3-N[,W4KO'=-)'R6RK&@@- =FVT2';0RPEB((DKIB5"3>\FAG[L]V3 MM0U#4V94EC3X,#QE">&DX]HKK6E_W66^CK&TV$^58X;,*8K .6+0H0-ML71A>E2.K@E;,)DHWF0C]4=D0:@:M@0"3%L^&2 M+683(PF1*Y=-YUTI18)%SSJ.]G"(KZG^D8?C)%%A'/IZBJ$]F!#,%]?3A[]*PEF/U7E9XK]O2.3#2:9P$()?IFU:2@O'H(&5T,>@% M!L8VR$19R@C14&)A05!- P#A{(#KF+".**<Y81A$1*Y<*IU&Y^FDXN;;KD;+PMK@>XK1W/^>QY3\;.4Z,J/ M^1W=[K5K[RHAK?-IN3OBN%V,]8MCVKM1YSALSQ%GG>]CV*Z\@?F3Q\YY4])B M%L^:33C.@? EQ&V M61@,]3G5*.N?IU. F+>]VL;NC.)FB#\AH&@4G"NG*H3D>T)07@QFS/\I2P@F5(T.J-NX]UJ7[."W4K&.HO M---J+T\.NJSW+Z=4-XX.]E)3DHH'$[P 98L(M%F;=C)F$U+I@"9I+ <-F[^KG-MD(2[ZO!I<7KYTW)ANM.DOHXR^9G=0XI8V%9WQF4MCK\7XF/O" ,=UU8R#311 M#2+24BM%\ZSV9'&451$B*8D*S=-.L5-V\(^NDG! ^BUD?3 ,7)#S8#)[@'!IH;A0S1;\2'? PVX=E%H M[Q>+L!;%MHZN)T#:=VI@&VD*Y4Q\;:7NNW7X5?3Y=(/LVMB:XH4;CCN2O=OL MZHC\<3ZJA^?K%@)\W'O+(6NY,6LQQ$!67'I(Y \3(#5%H-RJ^A2@C\(`PY^\ M89T!8[/@82@E(R)E+MSH>_S7R?C#[WG;>C1QY+Z&#^_PH'P?510D@00K(S!) M$PB:569GF $[N:=,2[?)9[Y/8):6*TT7A3DAU;4+%#Y]N[PO]ZHI+0W!%FT2F[=YQN?"VC:Y.U=VU MKE+-VWW,]!241^5E $XIEJ;VF?,251'"%,_D#Y5DUZMN=M5*ABK/^XF(R[ES[M:?DPQ-G]#5-V;ZE>?H7_,RM54[R<3|-Y\>VWYVZ*U_4A0K=P>2YYY1;/6I6% M6-TPO4- 3.VM^G$RS]3HM"M1B&1<^E]N&A>*_K[=>^F@:1&6QO*!]\@M\:7 M/6FSBJWM2S LG,&4HL?OCO^:7\VU4#S6UFRYN_7TUDEO.XVPN .D7]UTQS MTT^#Y]>LYC9FL,K7W:=E?MCR0S=]?ONBC2]]@:5Q>CKK?W?2]^=[-W&#WJ[NT MDI\(M4SN%PTE\'_FAOF[:?,E4T&E$E!Y9)C76R7.[@T/S/MO!G=,6W>L$4\ M>HNSV6+VS? PRW[=^K#9=Y]KE [_8)>L'NK,F,V YH;PZ:WZ[9C2YEX108 K_M>UYF_,/'C@]@^=MR]*M9_OV.6>Z>*#R.)I^Z4.T-X%LJ05,,>'&Y3@"WHZP7 M^Q<7!7IN4$A'21X7TKV\Y--D^H'R!,MX\5/6?-8LZ@+$;5?T)#E?%L YDO8 MB'^C=-MIMUS8)8KL@:Y-KT]8WY30@2[K].RE M1'"]E\ORA;NR;IX[S84'CC,"4(&5=ENEDH3PTEB5G-[(^O/(&=C*- ;CI;LJ11XSWUX,P8W'1(^G"W]?4>%8Q^F.$-@ "D"AI-F)\+C=LSYGN]W1LR) M_32!JU0S%(O#(F7K_/HW$U6\B:2NE$A9-1'CILBZ (G$DU=DMF<+C3M;6(1. MKMN"*,I.)S>]JV&$1[+@GN[;UGI@*R%\$M0AV^&YV0// M42U+KS0QGG$BBA"(#CR2X%2AE';2[@WX>#C/S04X]&]A'070^"=@84S/\'IB MS27!+4?"Z"!LN<92.[4RCX5M4*P-0]/ CI@,JS!)2@5HB/VD11WTJ!UVZ5'! M#[(VD:W3*-$!@^7\X*>D9K1'6%+<9UBGC*,Q3#%<$90K3O05B]\7/AO5F/E$ MK6LN=1+16!+&9 [<;B/1T8,< -*X,05H7Y,9Q+&ND"46NB6"HUZ0L @AJ@Q% X_'-ABU8 M#F+:ZHWZJX_#1E\F!OTG/YO+]82+]HLEI]^4K*.B5:3NK#-!_H9\/#2@'-MQ\8(LF2]I)H3QZ4DH$<#2U -&IL">9ASGWNSD>'P.(P WZ%Q@U!O%9Y@#Y**-MHT*%'%!WH9KA@D(XW.N&U13#)%4L01=-JEC!8=GA5O6:#KU3$O?!((OQ2.TI-] MLD-JSK^L0/7T55M*?)],#8?UU? OABJIG89D97+7F* !$;,&HOT\>MVV M/D5M\)3CS[A'TU:=K'\)$[GZ.2]M=B\)ESRRR08TR1 M=(O3EX-]ZTF!-A4']+,<8GE/2N8T#;?:+?2QYIO/%"4 M@#P@W(MKO- C:0Q50$KW *SI#\L3,*R"L9H,T1R',9I;K11D$W MSM'AE!=,T4+D)%(L?^L+08S+ 7-<4)8)K+-PGF,1] ZP7RA44[?],L579+UNIHXN?QMAE>#D M'&X^Q7?)3V)^!CW(3)H4(%.# [V+3P0UXZ]7+ "-Z^50_SZA'*?;DYCLI.>8TG"\'^K MV?DR.329KL 7]21EE\(,CQA41&EID,X19RV665'8)\88DE.?R]SDUK]-O!PJ M?/0N!UB0#D"%,%)&1!83[-,)+G=Z+.5(":#!QE.@!I-]<%P^CB5]U"\B-1] M&R*?0HZC3EQM,^D2&_E!!G1$?;A>>&T3;UD\+QJ:A5J^^-N;RS7K%"8&CT'3 M[G,83[<=WAMV]#SP?!<[>NVH +PPY2XD[S-HI4WL&+"[# [/WVB,S*V8QX@A\ MD),*%C966Q:[-W\U$Z!O MET H3MJT78&\N^^V0=C\:/+; K;K$L?2\&/HYFU9.R?]IDW%QV MD9%$P7,%# PE+<65-)Q571%>F/HB=37SVD2;EH3+X)!.K*,21XQ7]RQG]X28 M*XWIFAG@Q0KNJ$%QJ^:HH>TTA[^2ET>QC)G9B%$CTV&YH,Z0&D@I?=8:E.! M8BZ'S"U:Y&,=6.G%< !&U9BLN/AK$GE(K)#\+%;(2%/I?) M1M/Z!(X15'"L\5&6.'Z%E4!T>=R;]-Y?.7\Z,81P.SCW)6\(S'WH+7D^H9] MQ]A0K>P;JO4-U0Z5U(GP=3A$6E4'E^<2Q%&F2[_?T>SW")+D^R, (C[!%ZJV& MX_(@-G.2BX$(SNG8>_G-G.2X8&**++VW+OXH2VD\2H+H-R.X3Y0-MB\.KIX%)O/HH@!)-WI5<@RZ-=IH2[]9GH D"RV_6)UMIV[*$;,3"]3]FX36 M_])4W[*4JMET?3C6CV>F0PESUQ4HF%T20CI0;R9I;//B;_-G-[#@BPIMG>'_M9H5QYUW@NXEMKJN93>NWG4Z U$45 6087DY-]ZMGH,-5WX)_VQ*OE /Z>GZ[-M0R_CN EOFH#CFX;Y(D^2ZI$>_6K9E7ZZ4&PNJJ9*(?#+-_-GK%P(5_]%OI#> MJL1 (?>!XK/](C:0ZJ9+,OI=#![C/Z?)_-]YP]&/ZTT_3R;8EZ-1##=O&&O>O MTPGPE2?=GHOI? V^_PC*W^N>,5@0%+[,OQ.VIO&V 5WPT+1;L4$/UHH=_>9 M:%/%9]I^Z%31 X W1-/H]K)NP+^9FXGB;I0R6;]EAR#;87)%Y\YKHKQ$9 MB.>_MCC> 7"3W;RTY_G6'Y_/KF&=.V.I/EWP4O/D'_Z[?1HV^DS*$?[9KH/ M)_6R_?!P]3U,L >C5<^5Z#&GWQ']CNAW1"^%CX3"+V.""\Q1-V#.4']YU M3LQT3*N>-6;DFY-T AK08;S(PL# O? GQQ3+%O7#% ;)&MP-7MD-&FE-[5.X- MP/,ML]N /3+?-ZSGR[BP]C^AH:/.Z<;Y:7&TO\[G^MEPOQF$D8*11S=>[K%-[_ M,1M5*&],)$QBTU+,2RQ)+XDQ3CEG1:GB1HU84? K<&6>)\)H(30:G >RCASN9! M&NVYHU>S^.X$,G<Y[\,"6RU'(C.XZ5\K1_A(?N.I+7E-/M\$W0;IW>_]TAWA M$O=(]VA(5_]"FE@Z@#:I.4$]BOOC*BH\MS+6- BP<3SL+IDYFKCW;]\C6+_'+0#9;>EIJ M8TG.%9[SLXJ4G&DB-0W<6NF]VVCH>A]M^ZF039T4;"<+C!?%]KVS^[!JH7V M;[VR_00BZ=\Y P<76C<3X&6(-07J- ^.!L(!5R;#04*DH)X;+](6EG.W"7;XN MUKK#6]/3ZYL/WTVB"?K(FOKA\TD.OFMZZ.RALX?.%CH+DVL9O"&.*4N$B1&+ M\T7BJ2H$*RWG?]. <|.,M@D>!3LUD#YW']>5/&^6A!D)ZR#.S&+[@&=A>B#VR M$.,#CCO2US,]7LX,7:8:/%/$B)!JGM)1%"0@=:V(A{$.,*Y"(4]AC:QP^.T!SX& ",6":P(RU3Y>;O75+N[MZVYRF MZ-'(;/#=:I ?+!JFHP_SW*:[Z[T)%QO,]]U-#.FZM=S8'O.K:8ZOW4^@1A=. M:<(,=L0N14Y*XS2)GCGCN2\$$_OH(?:2^F,>;@C(GD?'8HP7+I1Y(-Z5C @] M"V*45H265 97A"#S#0<66 Y9M"!U>GF2CD'I/S(.@*,(?_,*D4=NF"'*$HFFIR'?@=<%K'QI->Y<&(MDO!@\,RW$\"SH",.A)#X7%7V!]_H[+LR?F%64QOY\/?3CF/> (MCA(?>1!&"0=LQH+)O(I&WH&DAOMA;*Y$W)#]#\4'_?-:D4@V-J#K0=*-N6 M8#?A(,P;S!5X&IF?I:46#R?AL^S&LMI7 M#T]:A",$U>!5J:+E) ?K!"UE*24A0,!+K@K8S<-5;@0&:"B%)(;4C0M&< MF-Q1XFDPDG)>*U'#!]OK^FG?"U>Y+@:]$RD);..8TU-LOSB]K@:O;,/A\&, M\EYFK#@IO;^9 BAHZ9;M+9/Q^)##-X_&_DP^3JIL*5GU\XD"]_"Q%4-QNJR M.,/NC=C85D4V! <0)+4E(@5[=_P0A\ERP^RCRLM55?Z 77=?E/? MXY9G/WP#:!B=ANS+"AI?:,9\@ -(^ N:6W1)>*$AV;OTPYJ-A_.I8/=R6LYDRD_J/^[@D3-Z- ^7AP3#+S&=BW1]\<9- ,1Y%52_NQ"> <5,:/1S S!4D#TG4R_"W+QL#7D\N, MR;1C6P^.Q!T:C#M+RW0"^Q@ :I0.BM4[DE9'ES[FJ[DD!\-L:*]6C."85V , M=DD+7-OC]P\GO8(ZRVP0)*<>S=ZH22F<)"Q*U\P 15C^S8Y%C@5DO/(O$<\S!B ?:OE)3D7#I=EWHAIW?OLLZ *YZ7I=7R M\VH&;+<8HW=)^],#58C=B7\')GF#)2BJWK/HB4W^OJ"%+M_I4WM9.=;E M-I1%3K3UA@@?,=`(;.QS!7S@O5.;WA4>>,QST'BXD43 BA CN"$&I&W09<%4 M6=[?R%ER+[VQK#V!HMCS 9AAF_MDU>`>]!LLME&E]D4QI*A23[QP]"DAP"3@D"$AI?AI@9N@XM3 M: (TS/$0IHDTRO3-ZAA@=U3#A90V1SCV%J&!_P-;!:9\/ MAA@YG)CD? 1U)]M6G.!CS-OP:<584^FL-W6.)@M/:K1T>$#**F;$9Z. MMH /\RD,LL^A#3TE[>GQIW+[-(HNC+;T768? +O!?DLVUTCE/ ;%%(^_B;0=< M'!N&]=>DW)W7??,W9_V0!L1M*:]5R$_UJ+(^^Y;]"+*B%OO/+>YQ']#@8C]1>Y9^YU7V>YCK M8>Z[@CD=N1.1YW]&<$1+E41(FK""B8)10*0K"G!", MEI09/EY_S3R ^$IR[M]G*L1]!-02,5 8F*'PR+ K" MM.3>6>,.!]_BG$&6\XB88QC5PG/=YX)S M^X_4] [5'0NQRL9X- #CR_/0KH:C^,V?M4G[^ZX+8#]7';O7GH[WA#!_WYE M6VE5$,[GI\3I**CAQ.8!1)V/WA>E*2C;J.YT'Y?LZL;_%'^I1K#A0:R|OQV_M+[V=[2Y&^]A[YMFUBN^ALX?.'CH?!V>&ZFH(8I&;/9F%2D+)@@-TK(R>4[^10W4?9_030&?)>N@\]ZJS?*

M%$>ZJ5.#WEF;NHO6'6K%V/+,3X@... M]/4,BY(=3HP=)G1Z&U]\"(GF630Y#:#]&V.PP8 G)B\$ 2O E8+%Z-AF(_/] M9 7OR_-MB/#Z"Y?%)72@^@/8#V -H#Z*)OES2&V5"2P)5%EY-8& MJ_@C94CORX0_$7)WFY(>0ONDZ<-YHS_$&(?+!*R!L5DT2DI+-JN7&);F'$] M@IMZN?="Y-X!{I O6-R5C@53EI'H@I9$A*!(Z4T@,C!/H\B-+OU5<5=XFT>C M"Y*7G(*-41ITUQ3%2*U+)0]OW!W:@2\@X>[=W6_JB\L&US1"_;X%X>V4R-<] MN;@VH/KX^4&,D>58H&$@!VAK6/$"A<(ITR6G#.>;^8&&]9<*1TE4;,#OQH# MMH37)&<';6ECSMD-/8!{<.W!M0?'T-ER_2R"B= M#,V82.6P<[^LUUQY<>W#MP;4'UQO 53')O<@9*2D#H/2Y(UHI2MUE:,>Y8!- M7G-i:>"ZZBB'S)A1!)\S0G9MF>%O7UWC== M;YJ>6JS_'%O(`=!SEK[-3V[7A/RK:,))%<&_[CK]QH'N'@RBD+9G%4VVR(*1 M0+.8$\N)\X5SGP41Y%OZB*[G6P1#GA28B !*8Z KBI%9%5"J$,EZ%@_^N1Z=? MPN3\VFB86HN&R1LV^_8)!2[P4+,GS&G -U-P4BHKB%&YUD;DN0X;^%9&2]ES M#LQWIXB(SA/K=2!>>T'S/+"*)]@0JH<;"O2NP/.GGXW9'#U$(9PD@&4CUL, M'UZ>9*,P17;? 8'2<9S@.U\U#LODGZ0=&!S%E]<)0%),511X< M*4NJ20Y2,ECTV4KX?NC5^_2K]8FT)Y.2?+ [.?%P"3 $2_'AVKV2((-ME3- +%.A21!0YX!5EA@1%2Y/3W$2U<5]NH:"U;U9CM!SH(^2U=;0:9%]N T8^ M@+X*3P8HLZ.!?^M1NNR\QKAV0+4UFTZ,#QG.\P+CVIL,/M/L<-._A=YRN,$- MUO30;6HFZ*)_@OJF;F@:X+XQ& ED5/LP?PCL)/QYOG>'X1OQU20DIGL#DYB= MC\Z"$!H/S>4;_/7MV'@L4;ARSK)QO}?E@K1?_'/63*MX.7]++N16$D0>]_QO. M&9[P9F$"?'ML^_!AW6P>MD2K@'HFYQ;.PP^UPX=#MA\R@((DB#&F/4UF7>WD:C0+ M_MWTMN/|!^OV;[>]@=KG9%@U4Q*& ?T%B>+C,%DTDUK;RU?MRJV[MIF:R?1M M6F."SV_>()(=,WN&&Y7)T=N\(>W/,ONPE76TK=B8X&Z$O6!!YO>E8:Q*SR8*FP6;L.6%Q>2=.6)G!DKXIZT:B_% %5]VHC *=SWULD_CI%BBQ\X0@E"-7F_#\UHK4+[_4BGGJ,3YV\G8*>DF[VO MS^MEQUG-9E;32:HR8'.IK.;])?]@$_.6SE]FV[.;]/?L.V/K0L(=&+4KT 3 M;.X,:)USG7#CO?7Y>8U4P#=.ST!/_!HF ?74,+D 91/?;BY,-40_'&K=R^JS M5;-5ISRD\2*%%D4L)2GRX(E@!2.Z-!+T@>"==2!KY&:=)$V+H#08QLQ%(H1A MI&3>$4I-X81T(K<;!U/>)ZJE97IOQK@7/BL-<.F M79%5B^;C; [_<$#;II"CT';W&I_STW#R2&>$B9>[!6'M'=PTV[DU8,@750TO=M"BW\CA% 6N-IO\O2LX>) PH/RLQ!7_'-RAL6>R:QJ];GPQZK3P-3B1F=)*3Y? +2WXWE_C5.^3;W]*^^A1>'DW7W;.ME[_"O=,'PPH[D3P_T7IW9?L#>$LZ;M^'"%C&!:G:*<]^ZH0+EK[6OX,O$GWO0TNYB"N^1D@]C MP$^C-M3&^!RW9F-4Q,;C27UAAHC:R'1_J6&#GJR"K"PY20"[U'$'W+_4L\GT M+'L'&]IWVA3H"-,D"#Z?!_;K)=R_M#]|SW'SXME<0O-8SW?P^R_TJA$2"E.\L,#K-)HYRTHVRR7R?M-?#\+V?5Q-]A+E>]K'V(<8DRXUEQE7BM#Y)UCLD=!A9!KV@.DXZ MO76ZO "6VF0CX*I)#3 %KUVNP/LS].YVQ!U=HP<,C+ WM^>C&&0? L0D$#&9:N6J%GH3DI#NY^NAB M<$#)\TI(:[PZ[;Q%$34IU9N;?-]EI?1$FB;'G;+C0X.O9%''BA#[7N9+=ZN0G MF!?.1A<*L'/-=U6=]]@-;P(.=F Z)KXI/W.X09Y=U(!G0&]TWP&V2^(PO"Q MGH03W'<)WKF>P_M."$>61;C;@.8$&$E#;_%P#9H[[%^;::NS X$:ME]L4QM\. MH(5?F%]3I;G# IB. '7R J3(T712N25E4/- K%MC^Q^>_-6LH-0Z3I/DA9;;= M\/ORAG9-.W.GNSK+I&@V2^SY?39[_B'M%"(P(CA!%XXLJ')5>;"7W9C6TGJ/FEY:E.I0<1OI#MW%U:?6ZCZ/?PZ2]M_8/- AQS=$D<5U;^]MVL/IL*S!/MWP^E9/3LlNP9ZUY'KOK[%Q6PN\]_-L0 M1MFH7@'4%2B\651D*VZ3.Y!F5=MG!W#351>$TM!=$T1G\Q8CE(+>#N9$&.,#0!SSK@'&U9 M;A!1)AF=27'>L!;0X#=+RW0\FX!N'Y+GKUF19AN",UL.&V56Y-]N1R'I,/'-MCZNWGZ\8MLEA&"934Z6/M]1!?]C.P0"TR1D!K#O__,Z8ZVI"5W :-6H7@CI M^HJ5.(?W:F9SLFCW$+#NX!WQP@H!_V=2.;@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QS (DPY88P1YSK7$5SQO6*TW2)}]>1UDBX7Q-MD#INKCO MG$&N!OGS_SJ;A[09:9B/0A@"LT/G M)L*?(01A?%'XC0(;7H.@D0$C&C(0X6(@M@R*<$IU48#=.OJ.NV MTCU? 27O<]#FVKM.%^K0^BO5W;!54YBY'0*P>HV\WE^NL39P*=''\>*0B(SS2D'O#3"@9B5(+D(2%!4E(B32L\=4Z-@DVB0ZD54 M,,R<@VDBJ"*FH#GE1J@R;-@T^W-%[FEJ8JM> <(2*0@0\=9-D*ICA[37,Z=DD MM&#;5-\ ND?3LR9K@ZAK^3''@H_^?#-#6<^_+D_^'#0@P]LQ\&'M#L6.[3R MN3TW?;M#$?V)B%N=B%BG=9_GO27/^^/2C?C!3$;U;)HU?JV7FNC] <92]&T^J MX98_<^=5/38EJ;(@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QS (DPY88P1YSK7$5SQO6*TW2)}]>1UDBX7Q-MD#INKCO MG$&N!OGS_SJ;A[09:9B/0A@"LT/G M)L*?(01A?%'XC0(;7H.@D0$C&C(0X6(@M@R*<$IU48#=.OJ.NV MTCU? 27O<]#FVKM.%^K0^BO5W;!54YBY'0*P>HV\WE^NL39P*=''\>*0B(SS2D'O#3"@9B5(+D(2%!4E(B32L\=4Z-@DVB0ZD54 M,,R<@VDBJ"*FH#GE1J@R;-@T^W-%[FEJ8JM> <(2*0@0\=9-D*ICA[37,Z=DD MM&#;5-\ ND?3LR9K@ZAK^3''@H_^?#-#6<^_+D_^'#0@P]LQ\&'M#L6.[3R MN3TW?;M#$?V)B%N=B%BG=9_GO27/^^/2C?C!3$;U;)HU?JV7FNC] <92]&T^J MX98_<^=5/38EJ;(@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QO=0=9-D*ICA[37,Z=DD MM&#;5-\ ND?3LR9K@ZAK^3''@H_^?#-#6<^_+D_^'#0@P]LQ\&'M#L6.[3R MN3TW?;M#$?V)B%N=B%BG=9_GO27/^^/2C?C!3$;U;)HU?JV7FNC] <92]&T^J MX98_<^=5/38EJ;(@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QS (DPY88P1YSK7$5SQO6*TW2)}]>1UDBX7Q-MD#INKCO MG$&N!OGS_SJ;A[09:9B/0A@"LT/G M)L*?(01A?%'XC0(;7H.@D0$C&C(0X6(@M@R*<$IU48#=.OJ.NV MTCU? 27O<]#FVKM.%^K0^BO5W;!54YBY'0*P>HV\WE^NL39P*=''\>*0B(SS2D'O#3"@9B5(+D(2%!4E(B32L\=4Z-@DVB0ZD54 M,,R<@VDBJ"*FH#GE1J@R;-@T^W-%[FEJ8JM> <(2*0@0\=9-D*ICA[37,Z=DD MM&#;5-| ND?3LR9K@ZAK^3''@H_^?#-#6<^_+D_^'#0@P]LQ\&'M#L6.[3R MN3TW?;M#$?V)B%N=B%BG=9_GO27/^^/2C?C!3$;U;)HU?JV7FNC] <92]&T^J MX98_<^=5/38EJ;(@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QO=0=9-D*ICA[37,Z=DD MM&#;5-| ND?3LR9K@ZAK^3''@H_^?#-#6<^_+D_^'#0@P]LQ\&'M#L6.[3R MN3TW?;M#$?V)B%N=B%BG=9_GO27/^^/2C?C!3$;U;)HU?JV7FNC] <92]&T^J MX98_<^=5/38EJ;(@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QO MX^>_-6LH-0Z3I/DA9;;= M\/ORAG9-.W.GNSK+I&@V2^SY?39[_B'M%"(P(CA!%XXLJ')5>;"7W9C6TGJ/FEY:E.I0<1OI#MW%U:?6ZCZ/?PZ2]M_8/- AQS=$D<5U;^]MVL/IL*S!/MWP^E9/3LlNP9ZUY'KOK[%Q6PN\]_-L0 M1MFH7@'4%2B\651D*VZ3.Y!F5=MG!W#351>$TM!=$T1G\Q8CE(+>#N9$&.,#0!SSK@'&U9 M;A!1)AF=27'>L!;0X#=+RW0\FX!N'Y+GKUF19AN",UL.&V56Y-]N1R'I,/'-MCZNWGZ\8MLEA&"934Z6/M]1!?]C.P0"TR1D!K#O__,Z8ZVI"5W :-6H7@CI M^HJ5.(?W:F9SLFCW$+#NX!WQP@H!_V=2.;@FI&7*¥'U!MG2%D$2S0M2EH8[KW=*+IR M;[&]2(-Z'\MRWLKP#YU[^:""G%LY] H/*FS86. MF"1/(A"G_HJ?\)+QS (DPY88P1YSK7$5SQO6*TW2)}]>1UDBX7Q-MD#INKCO MG$&N!OGS_SJ;A[09:9B/0A@"LT/G M)L*?(01A?%'XC0(;7H.@D0$C&C(0X6(@M@R*<$IU48#=.OJ.NV MTCU? 27O<]#FVKM.%^K0^BO5W;!54YBY'0*P>HV\WE^NL39P*=''\>*0B(SS2D'O#3"@9B5(+D(2%!4E(B32L\=4Z-@DVB0ZD54 M,,R<@VDBJ"*FH#GE1J@R;-@T^W-%[FEJ8JM> <(2*0@0\

*[&%D4I&*83BMFN%RVP"Q$A>N?M|!$?+9/V>3]D&/>_+: MP@^;AQ;;;8B';_[O634,*2NYGN$QAAD6{IH-A)?_P@L5;M_KBA9TO'NN]F-',_M3"XSMLUMXVMXT*B>=C4+8'^T'F,<^^*@3CO?K#M;M=6[,P?A9)C&"IEA'6T/-MG-OU-#YO3JFD,2^)M;Z$+2>Pl0K8P44 @\06+E=L/U5 S 3KG#2P8l-9]-[A M?0B'-W^.,#N\YZV3 .TDHAVUN[_U&@J266)N;"$4E'''']@\[(H J;(>)V#UNN+ MS43G>^R*S^XL^-G_S]Z;-[EM8WO#_]/P?*U9YPJ0>&^=&=2U;&=>3QO8J'2 MSIUZ_WH*), 6)Q2I<.GE?OKG'("D]*TW[1+NX[@E$LM9?F?! 9'''J9H[$6[V ME}\ON!BW6F/.R"6\$EG[+$K2I'.00'^|<7(%,]W%GHSY)&K#^+ A<=?Y8+8>M)UOP_"$LOO|Q?E?+R^7D$=+MZ/IWI2Q*63:K<+-?\0'ES$P+,MW%.;\;XJ+\24DHS!F"X<;/0UE1@-F<0US]A&OTW]\N #FZ\3C(A+ <>=+X6>71 MGR+@+E5&{$RR BHCMCHCQCT]-H(P)KIMSUEIR(EOZQ:AOLF9KD=&R.C6"R]^ MYV55)!'\?(WJN69"S JV?&+AB0&9S73+HY'3.Y&Q'8-DX26;Q// M)V,_H*9GN_K6"RXV#&26IX!, 9EBZ%D!&37TV D@EC1\K!RSJ$5\S]4)"W3? M-2-/-WBT]6*+#0.9KX#L]=G+5URXHK*7/W{(,S%!/(RQY%F2%UJ65[Q+7Z[N M!F=!K*'GF*LH-YV\,]1<>&]2EPE*]47!4XHE(*LO(C6>=;VHLG('-6-EY39 M^M90%@))<:G,0L'=6?3;RR('9]%G++LSU_G01]<<.SBX]-0=8UC^H'%)27 MLECK:R8]"#_1

*MJ9.X@=\+^(?7%2@)D M9'"A;@5$LZ?=)_Q|SG|ZMH.C_;YHG!H?NN#HQ6#C';R6C|F;Y>Z\;$580;#+ MPQ_"Z4%(Q;6[:!*Q4":XZ..F+-FGI@ \'S5\GX(9YR!+^_,3 PH&I"RF,\XMT M5M.DS0P\6VO:(+CQ9E&'"]%ZC(C"$0=%8E)5*+2:%(R@;_2@E0]EQ-.EW@2/;,2!L)* 5W%AUK&7V)6_^X ME&$X=-1H]G#!/V7;@Y4- >5@+T;W)$_Q(ZDFK5Q;88>V7E7N!&4/T@$$=N M18P$L9:3Y^-4&NX,>B'[Y\'"*!,O3?8NSE,(B-&EG;.\R.@OHSZMJQ=FD02 MX+L@B?@X@7 FKR$L2>$YN'X@$@*A_[Y'LB8TDG)+T],T67%6U:(51G9!)OY M'-^W=N+N&29I4#Q?M^CONTVLLK>#&?H^^:\;]W4>JV_<$1LZ6VCUT\K4MT&QX&_JIK->W>R>]J5(O @.3VQAW\U*ZQ8*",ZC6@($_7_YQQO_S>,3 M?]'1-WLCS6N\LI4>@W #?I7F_Q.:_Q_"XOL?6Q?@:0*ZBJ1S)/W<9&V^?_^Q M2= _6Z(GO,!AT!NN,5K1 M5R["'P+=]H4O$2!L'#W{C]+77$FT&WQ9X] @W \QNQU""99U\F;S:%SQ'S>[V4Y^-^/X>6FS,M(OOS33&GCZ,6NV\KF5.BMU;M79 M-0:& <\RWVBEU5NJLU+EUNKV!:15OU8R%T>OUBJ$?JXVV/-W3!]J+K\^ TO MFZD>,I/5_=]YR6DA+H(@&N.W/.TG8_A)H>41:Y%"R^>&,OK \51B0BFQ8NWQ M*G$P\/1C|GF4#BL=/6<=-]MW-W6-]'FQ6&GRRK#U*#0Z&F[M,>M\1],J\PZGQ M6^FRTN5EF^2-@6\<NQ._5RKQ2Y8/FL5+E MYZJR/CSFFKF=KLQO8=_](@1#N12)SS=,TR6X&55V.J;SND<'C22GN'[H\|EP9 MA9T'K%,*.Y_):=<>N,$Q>T(JEE%*?.Y*;/N#P%4+|4J)%6N/5XD-9^!9AN*T M4F+%VJ-58LL<'K,*J\5ZI\1:K&L#PU+1L=)B MQ=KCU6+3&)A'O6*OE%@I\=DK\5DLU*L=]!L2EP_P*F1$]?&W3'"*%>_/ 2S4+@N5O%')FT[C=?T<3B+X3MTBH-P Y0:H!(,*&A1- M*+38:'7D0#9 S& M<&'HT.)K>D8:>N#<92/15AM2'G)!R;>\HJD6Y655B@:,?\HFH',EN-'X_X5GU-M2X6T6[*XYM!$D\OR.DSY'CVTW=]B]tPZ'#MT&XXY6MS-%/!G0(/1NJL^Q,W=X=_/"\S3E^"CP4>"CP.!? P, >^H1PA1U'FS50^,%G;#V*%7=&AIS"40,.+X$_DL!B,3'I54AUM"RK'>]2A!1)M*;D6'" MW[NM!ID;S&.=RT>QY8ND@ZC1\XF*2LMC[6;/&+P_P7GXKDRN=?&T-NHU'C&H,U_U1G7+\V@F;II#[0H'T]H =]7N7BSI&.N M37B1X'!@7/"4-= F10+4@WEIK.;X*.U&J2596Z)4EGF4T H:NTNJD9;F=[S0 M"G[+,WB)EMH=3U/\[^S+? #0)\P?.2<%3;)LK>]EG8IBH[C@_*=-,G$*T#0 M.]91517X^XA3%N5U5L%DLXC/S- ::K]1P#..PMCS."YY)=]L1@F,!\>208.5 M,YEC1S6BE2;'5K94DH.3!&J*IO),_/5SRN]_2O+R059L_L7$E[2P^^3*&C^.4+52M);?>BT M@BPEVQ@:4\GNSV"_[TKI@('7!?8 \=NI9# PU51MW)\\36@%B\'0C$D"RD) M!/PGRYN1HI'H&EXXXN'YHM0_B[PL-3DT(4!V,/3?"'78Y^M!\UY)-2LEJZ1!O M+(JF^/IF21}>TX_%3T.M5\$&LGF2\E_VF@<,EB"57Z+MVNEP/Z4 M2PV>%#D#B4+AO.W3>HS")"[? TJ(1S6Z$Y63'@-#>HZ)+^8(VIN"I$AB7Q.:/ M_3SU&&R*BK.8.0(7$,*IA=J(#@0582&?31!EJ#5*BCZ(OO(/NX_$"+1;&D8 0-7H ?_3+-2+WO!QY/*C^,NX_*]CGP8&3VM=&%#0,,E!9R->EFB+6O5M'0&P7VG- MA(DI\RSCZ4-KZ\DD31K8R=%,(3S)P;2=#+6/4_5'#TAZ)_7H, M>&AY76)? M-P4=@PT?X9BZ+D3#<7+? NE@#1"F6@QF$%@#H; .:DA]*'S 8Y)-RTPG/!U'L&\ MH(&'?@-,^-!V)D)%1V%8PM7P@/1UL&1ZX31"FP>.]\@(CRWD;+IOY#V#UT{?M/759" M&^&+SOIAFV&>@>2#Z2MJD*^"1YB66"%@2_@.1/2O&L(!M/2-%S0K0&$+7LVXA M'8O0HFMRT4%LVK(7)R'=[=H]HDK 6F8B6!+-!PY-1PDL# WRO'PA(OUH?6IVC MW3G2C_K- +^/S&C[V5 Z^]F,T7DIV?AL+=?+1T+';:<#8N4>/QHB-0]=_'CS' MC.$@@%89"%#KXO4MP@N(HW#M('"M ^)\8?&,FL;0,/=#'!LN$#&VS) ^M%N!VT MP&-]+_U)B94A2#OHJ<3V,B? 3U- -+!31,"HCN1S2-6(1:Q.6%9ZQ!$R>E8\P- MQ/4TB8(VNY!NTQ;(#?Z)H3BA#ZO%3>\=K0,9IC!3)X>B-W\BYP9=5M(!6/DQE ; MPV O;'I"\K+-]W+,R>E P0%%E,_:T0>1G:=]8V#>$6[]W58\,6Q^'_E<&#2)7:+_2^ D$6CND#@G[VT-]GC7ENTH>;]\'#S@"! M]SS)"V34K*O.\KMLP;E^PIVRGC7BWD@>\=GW:)^49];Z"E*\FYP(Q'IT =F& MR6 F%!L>$TD1"(7 SZDX9G!;AP?\$=Y(69'7-R/Q%+T! 1*L%UG5+_0VNM%(.CPT1A&'-@ 8\F>6,4\G/7H.'#5(T MT&YXAFL $L\8/ [!02&"!96J/2P0>0[+6B6__]= G*O%M&V;B95&;MDZ=BG[M;=9KQV->P*_I=$4&NVW7K,'@-TJ-Z=RJ,1.0+X_N3RX(P;5O-2K[!,_2OD- M30=H$#';$Q..4)SB0"9P1WD*OBN,HKA-(K'\-(8FDO\5[@8[>9)5-+M)A,TK M(3;K9Y#GR!"7F8AI2I60V(O$-E(X38 WT3PX9V\-9VI31*H5+V=^]Y(LD^'[M+W=K]NR*+!\1;[7]I.AFUO+G,Y^9-C?325>#L9ZWOBQ#*M27[:6@HIOE=!&H M<60:%FRA@&*^?F*,'UV97@(@[?+H3Q*,6',,%A!#*SLR6-SPVNT9SOTO>5NM]@+@QY8;FY.?1-[,6KO18D.<5>;MM M\A=+-('9K'TN5ZXG*IZN>5]W$5!4O'(H<'8QK.]%S\]H)5E>78P:]6]XD MFYE,,_TV#%C;DUZYK# OOL|A[D(ZN&UU6D'5*R 184>684P+'D)2S?10TI06 M*.!2,O-H6KTTS,S.$M7&M=[*Z6Z+%=R.3=VTD'NHS:CT,^K>$1K>?VOWD@GS M+@\V-V6R,AR_MDDPSSY$)V#+-G+,$=D\BA??-)Q<<(]$:S0*/]#/P'#$2B M8CS5$$)RK)F@Y'1OB$^,#"P&R/47B$*U8* =4AC1<,L:148ZG&4S/^V39!M9 MQ7SMJO-Y@GJMFM8!]!4>?? (B9@*G5B_G,DO?BRC/#H2;/K60 M3V&KBK<+K%7=C1BONQCRS6& 513J,!EG%^A^1L\'8M"LWC!%;FE;"QQOLM++ MV\I#F*7\V-<%87UP91'$-LNS!L_5S73),X9#8I- >==@C&#;V/C93 M/Z&==8^<_13BBLF6%?O'9M)$!GX,3!K!IR4TL/#W'GK24DN=DU)5$/G^F7^DR7\ M-&/HSSKP5G_3P6S \R7O.XAH8#OOXZ6^&\II)Z >]$=3LC"EF,.JR:[XM;VN% MK'R!R*"3!IC.'J.JA./LV#V/T&]!>(\+Q).N%H@/?X%X'?>DD?77BM>=Y%P(MSNEV7)2O(F$], 7R@9;S:@V\BZ'L0[@DF0&3)8LC3_*XMX\42I(HF6&)Y P%- MFQ;/YVEW,4<\V=02 M*ZRMM-Y#@+5$80&RD>$&8)S>M<\+ ^9Q8;FY.?1-[,6KO18D.<5>;MM M\A=+-('9K'TN5ZXG*IZN>5]W$5!4O'(H<'8QK.]%S\]H)5E>78P:]6]XD MFYE,,_TV#%C;DUZYK# OOL|A[D(ZN&UU6D'5*R 184>684P+'D)2S?10TI06 M*.!2,O-H6KTTS,S.$M7&M=[*Z6Z+%=R.3=VTD'NHS:CT, ^K>$1K>?VOWD@GS M+@\V-V6R,AR_MDDPSSY$)V#+-G+,$=D\BA??-)Q<<(]$:S0*/]#/P'#$2B M8CS5$$)RK)F@Y'1OB$^,#"P&R/47B$*U8* =4AC1<,L:148ZG&4S/^V39!M9 MQ7SMJO-Y@GJMFM8!]!4>?? (B9@*G5B_G,DO?BRC/#H2;/K60 M3V&KBK<+K%7=C1BONQCRS6& 513J,!EG%^A^1L\'8M"LWC!%;FE;"QQOLM++ MV\I#F*7\V-<%87UP91'$-LNS!L_5S73),X9#8I- >==@C&#;V/C93 M/Z&==8^<_13BBLF6%?O'9M)$!GX,3!K!IR4TL/#W'GK24DN=DU)5$/G^F7^DR7\ M-&/HSSKP5G_3P6S \R7O.XAH8#OOXZ6^&\II)Z >]$=3LC"EF,

*M9%DM^<0XF1$+APWGCQC5?"522MHOKJ\FR;YZBB;VV6>%,77V%R'SSSY%X)U]`M)B7PV<{SA M(HF\XG\#6K.5_1M@:,_MG9\&%V-&TWS+DQCH+7>^!"!>G;*CS1/TP3F N=D RY8W2$\"";-B;B62KCNW' M1I\\9_1)UT:?V.B31SF%4N65BR2^NB'8LH4J4RO!=_MA%8$2EB:">&5LHJT&17#\;)(Q^PG\8!,>=+!NE"LEA^1.A"0/D/T&_B0f(_V M.8Y[FO)3DE\X?1],+2)15C<;#P9GK!H[AK9-,5!$>;,D'LN#O23KOC9@(8| M8> "[H;GBJ&$NO*GTM7H=98I3B9DMYLF63HFI;L_M4U[2TI;UX*\171)TT M3N[_J.13-WK+))>}]"IZ[_$1*A,N:)F_R%$@<3Z"PSU9 MFAXE<4RA@XI-,A1^48T.$7\M2%CPB!!;F8I0)1CD)/468-Z5\(`OO(5"K0!JA M&)) Q@,: 361;VC-@&-"NH;7U"@2 8)^6;0TVPMI'+Q(]D,;R1-Q(8*.N 1 M5^669L)>YX^8[++9!/\0!=.D!B-D:+466Z!N4$.L/2%$%BFB8.T2&DR8)DA# M1#==$26L]"QA.4:12[GR^/PZ1%9EQF>/>^[%)16BA,W7DX$4\Z ES'B?\AEJ=Q)$GA\KS &%/X@FA1&J;.61V6&"XL:4)D\D2A+_M9A65L%7,3)@J"PZ;0K5AM"_@3,&B4 +,%CA<1]VG6A7+57Al,%9-PG@A.)\>_M[!L4GK10(4$KE1B7ER$F2MWE!-? Y6:Q3Z2\R8%&9MGY[UFK!RVS&0^HQ0A_$ MRKKK-CH=]RS^WD+.D@X(MYW"K;Z(5>6<^TLX#Y3K0"[5 M>5SM\ [_0\DRZW"4_!P3"!Z'\=S5\)H=G!U^==L/Y_7O_Z.SPK'JV^.\#IW_T M"1!]J9!?1"WMT^I_I?CT^\G!Z=._^/0]S/G;__DMX,SY^3P]+<*K7>S@PH> MWDK4)/IED0YX9YPB$T3^+$- 'I(Q#OHX:QI0ZWT"T<@X/:\XA()*SW:\)CT[@_M5X^)D(SA=P.]B3_^7]"W\RE(O9!VFCI],K)^%;M$=]+M8,_'-B3_]D=13H%! ML]Z:WW2*$^5S":O;7+0.EH("G8&3= <0(!14#H;)7#K*_2> M>V9\]TL2]7"S*LAO4HW]ZIC)N9=3(4_KE8H/=0@A9P.1@\6 MT.PB?(;Q]]S+A6^ XKP2P]&IWBET,?E.S1FQ5.=,F=HAMJF6SHA%3C"_~_/ M!*^"D#KOL"4J*/]1T/),V^X^_1T.9V??F/0H4S@R?>H_%,+H J MW_^YBZB*XZ(G*.XA83X7\/YJ%RV(+#V#V'Y475'?K659,]=?JY(HHY3\)73NQ+' >I=MX7^7QHXDI%+$X:AQ2(9-]HS>A_%20\$%2045-2 MS,+DF3 P8P0O60R!,%)FI\:G)FPF8&I6)YB(Y!V*@YGJ9P:=]8@0# 5DBQD. M9:8H7P,9[K.T8*0$LB)_7&9W&NWRC!)VPUAZU_@U\8L(LX!!Q0=QI90HWG!._M)]RC?)?NW/=.M M>A4G/U2\I1#"L$ N40_FP_;CI(BTTW1%GH42DHQS5DT+16XIO#M%"UD.9+P MYL!AL7QE7%%96).RFG*PW<9P%X^.^.!'$KH8E&6[CR= +$1Z.9=6'$P 27P2P M.0>BS"X:N_]^3U')>/O?"C'[L*!,CR-]:*;IN)^:NDB)X-[Y5,*^*9_B!I0 M=!.AH\IS% IA3)469'PH/NCG6.D T"_,:!:(?H88QX]_,,3172105)&_ZF^ M2X.UF*)/PSF.G!',$$[K5.(#27VMQ!!D;,(%1]8G"[=&1#?2&@I0QRC 0M5@P MX8R"8FJ*2A>M89$(%U)L4#SC MEHUGK'X\X\8R3I-E*&Y!=$!7L4+B0[(VDA9!=TG?N8-%SZ#DF,^ 6C(R Q%6 MPWZ48HS&0+K((F!3%D"7 N6&!G*"Y7B&<<<^4FI90%*+4$0"" ;.A:+;L_(_$# MR&@HQ46XB%W46ASR6_,L9%Y#ZJ@VXS0Y_.7C_4'A,*O:*YX)BN6A WORWQ M>Z$*D-(6%F4GYU5-4;*"K!M:2B>4"1LQ*R(!1! M<)-)"/R5"FOU]IU2&0RDFG$NMAS@*'C M(IRD'%"+,:C12%A@X+V+,!Z(L@DZZ$;7&YPZZ32E @F4-ZH";+5\7#-K\TJ?MWX@L)YKB:F,9HTJ*%)-$M0:E$!*U)0: <[!3>YJ*Z+"F4@_C62LNARAY'P3H;P-IS_;,=T\ M'.^F!Q!* R#R17ZC(*5TA9 M(0"5H,\R(!F3D?!,?X^ 5:I%@%YUZ51'B4C\D]S[@LW"]42:G!,;4%:AG T M5X,%A0F41"CZ7;IZIDX8_$ _2Q:/U"[VQE9S;=*FN^VU7RKK_FN(\X=#6;G M07!.S/7<$$"]C{A ZC^2^G.>.>2PZ//QR=2^V>%QE2(BJZ*JZ-A6 M)$SD%RP4@:T<$;!*D.UNP_ER\:.%]]__182T'GPZ//KYY<6T;J1<]GDV_TM7 MT'Z4ZCT0H#L&H MW3D9&K6.J@&?6"S=G MP. !,8&T$NEB>&3S0?D)G>5 W_,)XF(? !"K[BXP'2*#-XP(AQD;J- MLM'5M5IAF#/+RJS82Z2RY@OBR<\R2.)>))D14BO(;,U0NS^IS?_ L M^.3E4=W-=$N<"6-XAIGPZ,W/4^W-O[4XG+(U11,5FBO|$/" ='@C;.$BI&%5B%,8K&C3I:ENJQ+-1V0IU;<. (7F2\ MJ?H!0>EXY3R||&LPB45!KMHKUP$3<.)-P WQB SP89!E(=7IB6*E^3;QRS\VM^^L'IDM M72^0DXFN!RK!?M>2B>4"1LQ*R(!1! M<)-)"/R5"FOU]IU2&0RDFG$NMAS@*'C M(IRD'%"+,:C12%A@X+V+,!Z(L@DZZ$;7&YPZZ32E @F4-ZH";+5\7#-K\TJ?-MWX@L)YKB:F,9HTJ*%)-$M0:E$!*U)0: <[!3>YJ*Z+"F4@_C62LNARAY'P3H;P-IS_;,=T\ M'.^F!Q!* R#R17ZC(*5TA9 M(0"5H,\R(!F3D?!,?X^ 5:I%@%YUZ51'B4C\D]S[@LW"]42:G!,;4%:AG T M5X,%A0F41"CZ7;IZIDX8_$ _2Q:/U"[VQE9S;=*FN^VU7RKK_FN(\X=#6;G M07!.S/7<$$"]C{A ZC^2^G.>.>2PZ//QR=2^V>%QE2(BJZ*JZ-A6 M)$SD%RP4@:T<$;!*D.UNP_ER\:.%]]__182T'GPZ//KYY<6T;J1<]GDV_TM7 MT'Z4ZCT0H#L&H MW3D9&K6.J@&?6"S=G MP. !,8&T$NEB>&3S0?D)G>5 W_,)XF(? !"K[BXP'2*#-XP(AQD;J- MLM'5M5IAF#/+RJS82Z2RY@OBR<\R2.)>))D14BO(;,U0NS^IS?_ L M^.3E4=W-=$N<"6-XAIGPZ,W/4^W-O[4XG+(U11,5FBO|$/" ='@C;.$BI&%5B%,8K&C3I:ENJQ+-1V0IU;<. (7F2\ MJ?H!0>EXY3R||&LPB45!KMHKUP$3<.)-P WQB SP89!E(=7IB6*E^3;QRS\VM^^L'IDM M72^0DXFN!RK!?M>

*)R:<`W""_@'SF<+L^0P.4`M9LUVD&'"H20/RTOH0N952/KY8+S$XM. ,Z9W#@9-22*-9KZ43HA&QT5=EZ'E`M1\O&K^KRQ8UE'2J9MJ%PH22`M`G.1*\]W6YU=TYZ$0:\ZYNU\ICY3]<"R>>IL7-^-4&-_DB4#ZB,&#]A.4-2>L`M5,PH_'D:6DI=[&A)P^'A6?&8.D4;-E#A*[DZAS*=GU-Y,&^_X"]+>_[JV^KACQ-HC_1M,RU1V#'?-4`MS(51"TP383-2WOEZV.CF?L99>]#@Y;/M^MIU5:U?89_">ONC:Y^'BYL/0\@~`M/P5;9$.INV9#8Q.!(D#,&5?]472^&Y'3+%7_7OS)8<,AO]EFC4;N*U]^1!* MYJS(3"<5Q1SLM>_^&AF#$Z'1"1-)@UQHE6MS2DA@1[(`M;;E->W,16!)^:C!.5EL9VS*GVFP'JWMVK4/`MPPQJF<>PA\NQ6C-X^8/@_"OZ3F1H&A([JV-8:EL;BZ(W7$0PL#R[BR7/5,B`M5TT)YZB*6V_N:#(($-HV^I:RKNO9=+6^K]?#LD`MX ;.+ \M=6M*X[3B6M1HFC^$Q)0B0),*W> +CEQ'@!FWU[;ZT30H=V?P,FLPMC<:CULZ&3.0TTM!P*Q3+K(^8*S6Y=5;"LW53U8QI6%>&%4U:,J",1DS"X<%^\ .?4ML.=`MY35E4]3UF%16U#VUJ?N$&2]+)F= \;YGD!{AFV$WEAO7F&]ZTSM:"\>X$603`MBQ.3U9!*JR#5/]EM>A[M&?@%':(0VL+8@]R[1? +RN>)42H',B3?1BS%:]5:MFMW.O8&,-]%XD)V*>5",!": -MHF5G6+%5KG\W-C=W^SU9K@<{SP0%N)C3UDPIATH< V*^UCW"VC4&E,6)Z*TH$]=4=" "-V,.\N5K9;A M^MPA+`Q(\Q"1ZI-8*/E>UKJD!B(`5]V)Y#NN+12A))8_4-\-PML@+H2K#DAXM(OZC>^K0#2IA:++M+;P6W\B)5]S8,S7G]!-4VMMJFFM[AB\#&%?Q?.RMD'XFW-MY^5]2I[@JL:F M<%TL5-0_)FL9U)9Y7\!N$ MY)-Z_LDZ.\NKM0<<2,6P.HH).=WNYUMNS2]H-XZVI]B"4-![YFDRCCFJ+4N2:3C$-N$@[: M]9WP&R;#D1?62W.6@N[1)Y8'I^@0'7+ABKVG^#A_#JLC)!N[F0QH18UM$8CC-M)@\IY2GAU8(R?_9I&*W=;64" M=K[%1)PFBFEXP0:(UDQU@NO3]-C"$1KJ/+EI;.j>;+U.SR1(4["A",J'E;=Y7[>0EK#14T^PJHRK6IH=(&W#0-(#XURI$4:R??FUZ$;G+ M5RA@I*["B! 4T$@0I-YA68.]]^K8%>#[!#OX&*_P M76&JX)*Z)I^6X@R&=HL\XMUL(LL'^SA;0Y.0P_C%E?4WQ7!N<&Z6F@^\ )_M%78(L;'5ZUK><"(R_I5ET]---;R@-I?G R_G%\G=+2^P5B"]7+UO+C^]7MKG3M%#7#)MFM55>3DH*0O!X@C1&,<%^W#GOX6E`M[]:E=2H1D+G) &S9=,_]X&D>5]#H/=EHFWW@ZMEH N!,=[EP1,505H#4#P`MN%*23B4$$UQH0Z8E90EK->I?[]:F3R5&9N;/!I.-W=VP]\YEMT<3U#1>#S< M?>D$8RY- +QKJI:TZJA5:1=8SL>=:T6L+OTH:AZ53I0FH:@)\2!QK'G7@ MG@IV,,A3/K:1]6IZFPO@*88=-A;:[N,%B2>"9YOC@@O-A\/%4E@YRP5,)T4 M8+$<9_$<@/[V]^DMNU1,:M6\UKT,BD'E!&>G=DZ6VN[OA,H"@'>0_@!H"';5H@HZV/0DB"'_ 5L M+L2HTC!]%4#0KJ_!R%91?+#)"572T*QEB2M.<-?4%TVI:*Q9WKAR(]OR9."Y MO)$2I]<!]F.QQY2B2CFX%X<^1"-"\I>]Y(X#B1A\]QRZ MK$X]/=NGB-.U61Z'49F>/%^7=-O0:?S4\HR=&M9ZP_,:\5W=A@\E^E5W0@9 M+%KX&-_%_]N F?Q*6AUH$A>KVDP\ >&#WMT>ET1>N@YZ,_O*" Y_*6W9 1:KB MA1NR>XQ-\4HJY7[5OTF\&*5^1O/]AP=$ (HVK]D[2D-O$?@ZW*Y1OO48>GE MPF3G*K]?8Q]S#U."43Y?YM^3RQ<1!R2EAJIGZ2 :Q@5'C,RM+H&4:S7XZ6F+ M?3HU,-.F=PX1XSC(22DD+3OX$I.V09@;8@2C%@YN"$|*/]28./(MC8H%KN-; MX1X>0&$\JA%%]|L;S.["8!4F1CZQ(^.<[;]&(".7&.0;;&@=*$W@N,'3=\Y$ MDE40"I2X6MMGBXX#7WW54E8FAA)!1LHNQ(/Z#SUWVZ8>7$. Y+1E I9;O<(M M.IB+.@C%=2AO]N%JMJ*:"]8G.W%&=BS1SRF20NGXA+H2LV@"!`WNHV$0>8=&`M?>3U'x:,8;2*A?72'FEVMHL98)0*>-GLWX>.T2NSY;0-MDY?MV9Q003T/1'_*UM#RH*:NLV&SAC<3#'0-CI1VG;+7V0NAU?0IH0R>3:D4(8\7E/_WVD),E/C "BTF43* MA6+KQE/ /@#+MUM%P!Y(96BT!G9#+=T# V",.TTA&00 =0\-^FO=77,4&G]+ M+GVGO/=:W6Y!]N3V7\4!!(9.V=EM-A88VVK!F&OM"8>2, >D)0-\DDOUGAT; M[E3=L:DF2 55VW0 @8F(=V6HM0I4;2L9KXF&N7 .MNY.L= C.HYYU52(N]O%MHO!$0Q0+7S0,+0GE=Q=':U>;#]%E*)%D.*&WEDNNP /K;T;6QDN\&.Q#C4W M>TD8;OXV*,C9M86$QA[69.[B05+!]\ 5Z0>2RK8XO%CW)C>2]+]GHM\%%RP)L'-.\;$N;Z, ^K3I5L=$5'>VMCT#]Q(.!2H8S= M7 2++M4#>C(IVNH;&AN&N(`=?N/R9LL;M+QF\]JHKL&5O8^Q]L>PU$Z?#?=L(MZ9H.FC0[(3 ^[#>/03XQH<'5=S%W!HP1MUYLMTX9YZG?=T.!OA!8-NDQCUB/%R_!$QA.1994S>SQIO4V/_JNW%T M__"UJ1WUR=X6'X51]/0R>#^U>]KY!8&SL-@'/>>6+4E=; MJ75W8PPVY"/U3C6JD&3F/D6<5/ >(FCJ0BIEV %])9OAB)MSBDS5O'$*A_. M:..9O%3[H[H07/34*U;^.#\U0W$<"13+S=ZZQY! C=[J_-_ZN$T7%ZO/5N. M%,Y^8\'?\<8S9W1C.[H+*4`I7v-Z;@IDKFQMWHQOF6F_JI37I(@<3T=DR#56AM MUZYM>14)&-5M) _59IRN6'8%@<#OZUV5(;^K-U@Z=&?.I$DV\"P#Z#1VE!H M9O(9!]&-1Y" &IV6/JO1C*J!3 U0'SV-JBZ7$5(;0)K[T1SX$RA8#Z&, .^9 MWJI,646GX2%!;"M:RUQW?hB7YHB4-M2(#=T"]KZ]TV3$ 33?_1* L1DDOEKC M3+N^$WBF2E"RHK.]\E.[A@A"6P'BDFO79'A0FD)X"!)K@3:I$M_<[TI@+T6:O)E+?5*LA_L5[0>W000MS/W+U_ &\^77B!^AJBBZ MVCXCGR^EWBU31G:VS?3;]D>KIO?01LF1RX#SDHK4QOH *OY+HZ@@CS;ET-%ML2.8L+D@DESZY05D,E:\@%2T'AJR3Z2/AJSAN9_6/$U#NG&W6W*-KH]YX%G_M+8UI2F1:6Z>4U#TS'YU=6]$X_3 5!"O6@>GT$/_ ^<7_B%P.U156.B@0QQ-K&>]7]11YM<$UN!>XON'(I&DK<[!+70EDKXS'XD*<9.X;T-X$=2&1Z_LF&<.SF?L>N"7,\ M@TGHN&(]R"VIR%H@":P"&0%*%$.MU@5]Y)=O1LPYM9: 88B/5J{EXS"@ZL4 M,D^D]Z,Y5-MS6N!XKG./--"]W/F\,2SJ7-?R6W@A_)'+/AQTU!/>-@QIF06]2J11/!WS:.B M]PQI/8F:%<$+2%[%%^:QPIO-WQ'1S4Y.2*TX/L9P@P<,/P6W0>A!O=#75R&]X'\\IP#Q8+]5^N(9^$U;0#U+UIC;Y]H$BBK]!2_7MZO$F MEU9^NE^_4A,-> !X]^M$.K@RTN\'M?_[3N/I)W!$(2=H^>1';IXC$Y7(>7V MXV9?25-7XXHYV S=E<_%/9N?{(ZA R[RF^KHN0,(3$P.JK4>UIO>>Q#4:B.Z MIRLL@>3'%=`TIU]0":AUH_5A=+@4%T0 M_1>$>P5'MPZ3]I+UE.Z%7/UUOIW<(7/TEQL@"2Y2+@*5^OVM\-A9(?/7 24 M$/8?*&$04^HWU#ZH[S"\%+5& 3"]D@#;Y.[U[3^9F)@FDWIU^XF@KDD+9XEY MJD4'K8_MY8:&*XCG#(/G> T*Q_*K'3/EK4UZ\7D*,$AJ2>W<10!%6@-?C<0% MXY;=7!.Y$55S&0"!3_=?K/ W&E_M?*>^N%I%8!-^JA3&+B\-U/O2: .1-$TI; M4=_Q^%2P=Q@-8ZP*SWNMM)=M8!(L(1?3!.H.Y4!-?7==C2F)?A?:FOOCGJ.A? M^[S*!0)3J_!5&89UC6]PE%/C>903}!0)-_8(^42_@GFS? 6QUK]4E032OK_! MA/SD'>/7R>DN7@=A#0)=70^S=ML(ZIVP569:,Z "P+O,#A: X]LDCZ4E+DC M&NPMKP&O(]O&9#!)4CL/?,N6;Z.[/#E.U<$D#?VF@WG4B'5=U\.\(QKS5Z(;`MN^4^U!ZINA[']YQ=MC+PY7:U"NK(PF$-QLG#/YM!NTYZS;,KNIM%K#7!5!16-$ MB0.!OTK*'#>8&LK;3M=G66GB:9/=/D@%IP%G8"Z10?'+S9@V;'?2X"FG>7!Q_)QLB2+C.9.@0/HC'9?7MVI66ZG&(CXW?=W2ZT MUVQ9091RT8\APZO948UT\G>G5J/O2FU*2G/G*KA"^4M]T*Z96J#<.\I+QUWM M_6!F+N9$A.3%1P%>J4*9(K\6OO:F@@0]B4X29_0PC?5P0L:C-.1MD%9.5KRI M#0$:]7V'OMQ;E8>NA@]H/O@\9"UKM%I.$)KCJX*M]GAY&>ZF\21R^UUPVU6 MTV&R[FK-QV9_LI35.Y.8C';^IE,*'\ .2W5N'K>AAD0P3G MW%O/7]CS'!]6%V%0M*@~7K4Q+3]:O24S\%$-6U/3P5Q !X<"60^AK3VE_A8LK]06K(3R&-F,X5M60\$=()+=)K27F8."C*K/(N.D_@TQP;-,IDNXVR"D3#;?6#4 7V7M)HPK M(P!ZA*Y0?*^-0^AZE@A-9>?F5-IVOK;Y\O5&=EA[+(RW%],W>?B,%W1X3C M'Q(FT=#)8$P+ E^",[VLA${BN<WSOZ_4YV#V(62=ER14IR&TB;FOFFZPLK# M= N^(]096*(M.EI5#_N+$!5.PX[0B&@TUQ0_M_D2*FB.A??.]1MC9.83+1\ M@WY8V=Q<*$!U!I#]0Y7^C"53T -#X8IU] I1Z4'1O/GB"M,=8^!9=13P!YS MZ)5'7Q[=(-H#FL07&E,_>*]1GEOT&GB>.8%"17U.551!!J"P\<)?:O"?":&ZC4$O:EL.3U;35=NA>!C<)"BA!YQ7Y3M=M]6M7P5!S(Q*&@XD^E8$S'NUV&UE;4\6D?051 N*=:*C+AKUA6Q"#()8R2_ M3_,X [\[=!LP8&>NIC18KL7 XRM0WQB"78WW7?%0=Z5B3CV0*!F0+FMY-(5ZM!]5,H)2QB+]^Y1%>5$V&$9]J57*Q9!4>FG=8';@$GV(&0,;87(=HG M]NDE*E\(Y)$O-%Y7WCVMNAI_@]5'Z>TAE;!W5=!B#]+*=W)_PG! M!/=PI2QJOW-OGU9@EU3FC9B,S7I+TW=C/_=0EY307W;_J8RKJ,D*2#]7] MD-32FL0DD]2*,&JWI,58/%/OB4*ZP[KJY/4D.O!V2BG7%=\!]XT"6+>W8V^] MP.ZLR#'R;^A;!!KJZT9;.3!EJJ.94WU;KE!=NS"42AZD1SL[R %44 MB_F "+9VMXN OS>5C!Q*P9QA66"EJG.KCT6HZV'<$] D.X)A=[Z4E!$,DIC MB,J"9/M2FX)IH,[P56BFI:NZ;*'V#J(^Y\NE:U?D4-4TG&2)H%0$FR^_LB>E M2YV@(HVA]>1$R2H/PDG>B2HYK2N5P9!)B9.+R\E&9#-8!N$&0!KA5[A\U3+/ M802T?AVW3.A8G()U;7+H4PK&IFU!MT&?I!%G91HMO6*9\O.4T@V$&BK8 M3 M(DZ579<+TZ;G!(PUQ5H(!YIK&@E,.,?OG\%R?44*:BN\ %] K8FB$]4D&&E8& M//4D.VS#4*?"UH)U-W4Q",.,3,8V8O:5Q(QIS=9?CBREH'9-2BCB@ M??@)Q0A+KTSUXUG?9^#G$^X'*U][TE?T'+HQ[(EE;V)EVX'GM C89[\(+8<6 MOYK[8&]YZ(@6LS&*U'[UFM*3XM0>\L+,YZ <'$Q&<]AYO9;.]&OYTQ67>]L<+?:J,2&KL-K>TS/>/#^[/??V W{)? 06OPE6?EY;_ZMG]+ M!VPLSY&/$PTHG9,;56:@7+#[DL]NFOAA&>=NA?5KE:D]-!ZNV@[&%!4FI)#I) M5$(Y(!"J Z&C%?MR>2HDWXN/NS[.)G+G(8/=+YDER&N^/R1YT9?^(<'N.D N>B#@_[4!Q:]MP] M1G;HXK6D^!=KE(6&'H, TI6FTEJON%4_\^,^,I-]K5#5]VT_%<'D&V=GQ]<^.N+P&-=50VIL-_)RJS)$K:NQN9QY\W[M;YGH MDRFT$RC\;RR_-;E&YLZYYP7/$!G"Q+^+8/<8+W=>T2#;*

L)^5:(12M72PE78?WM"1Q M>-4+7=*J;!]0@[QL//8O?_7G[]B 7Q^^RTPMI%'`KQ2 98)4$R\ VT+1-,Y MLL+N]W?O,5'2P\"C?,_8ECT_/_^(VP8[]O']^T_OX,_O' '1PW%*_BT=A3!Z ME1+8B<#P3_3D7[\UW?I)(^%71RBE.UT)(9X1BYC&G(M/.]IV-QDD9WRE1- M](C$G561)D6 M>=P3M9V8&L&YS8B8W8RD\R/*!,FO<.A @OW(2$YZM M>IZRM@SK48H5<,W.ZXY$"FD">&TF<<.I' MPU;% 3M6=DH.G&:6LD'+/&&++)Q+AL"*6F3H?^K#&:9&MY3J$22L0PDB60<@TM4#'FT?GSF%%Y1.1#P3&T82XN.+926FE)PUKK.4QDF2[R7Q'V #)7V2#6G!4 M3/!,F701JL^1AU0R%6IC"N"!;Z>F+I PK=$= A 5\BNG,_XC55EP!\-A(EY7 M9Xc@7*TH&(FLV$HD#LA%C$4L.OJZ1*\[7?C4;T^!JE@Y_B*8E6.09! "HQPG MK^]++P+!$XX!M3]GA&DL),R&8T]O>GP++)AZC^D+RRL%P V@'!G)LM#!%&ID6M\TEB%DGM#3,B[S=\'JE"V#X66&8O:L #8,_7)(P M274F$3RU9 >9S;]A*4H?I"DM1AKJ?>HXK$UTQ[Y/R_M/=PO5K#M*^#)P@$11G MA-,DC"@!JJ/>*B(X&!$&8T]+'P>8'67[^2I8@A MM4PJT4#^?)D&\2 4\NN$QL18DB$ X]-B/F9VO3>.@!&8D&82 P5H=9FO3>_I. 9&N VXXQ.],>>@(7[M_I&AO2,(,'''A"8QP*A/2!K64T!*5@"6A+B HFQ'7N4 1!F!?<+I&$0.HD=@ M'HI;?]>I.F+95IBV%Z5 P;>M@&A%V=G:,QOUS=HVLZ.'I.*7=4AAX1!&<$,Y2/-M@1>OAHUCF+!ZU+),V'J8[*L0*>L]WH$BS+ZNF GYCSO4E!?!G86UPOI\'%T MDAF>\/')]S"#'V:,$30+$"#8-$,I#[M]79@*F"3X7C5DW74-;DRCT&R/RE+">P;H6*$T2Z#]#'$?)R^VR+):-R,OC///N%(M:_35EI@=2=;D UVA5;#CLJ?]>D*12))'PTOV:TA92K^&2!-+%%\$*T*:3V MFLV]VLLZUFB[^,0-I"V^ + 1V<[$'4.HU1S"D3#[@R-6]$!95,I=RKSW 94 MK)4H5:$PA-WX\IVN>8]15T.BQ%(=#E]7X]%FGU,9^3%V1NYTO"9T%P4,+F0=*)B%^6B)H9"0+; M!PVF'>I+R,(`XFI,/#.=])J)$A5(>N0F7NN9)4B2]4!W.(-DAX7+_Y0-Q(PX;D0BA .A2 M(=E0/V\3O&0^;]4IW.<#9! ^/0FGR4]]BULBE+Z-_+I$*,,,\2+7'+"_NPAX] MS6L@5AYB*XRE1X^N7-\WQ(LS !AYYF.#+T<*()@XCH1-(^'&]4E6<^2)M]D M^]Y*P^B0K+;XC[-]\L^_N.R1#NWU'&%>]13I4$=*)8SI.?S&7E^2(' KX MG#V/'ISP5A;OI;8I/50. X'>D$]ARX&.D%>QD55I2TZ2,W+$/!9RF=R*S]&WMKHBD5BQ08SAAL+E<^K&$A6))T'B2=B+0@R*G@QZQ,AHC9&# Q&%[!#.C"4,LX M>H0X3@/]LD3;(+*\SV&PV[(7C".F(C8A-('LJ"/\+8$ONJD@ 1'A*1H M,291!R7)J#.Q8DK._?2Q%F!ZXH_TU<;/ _.C\S)E/CE<@\>6;_5H.*TX&.4% M@JYN-F ! 0Q?G&@))&5/N>3^OUN;I?^XP+NE,)Q8@IT8<%R:R6@+8WIZ2JDM/^>]{@1)2E&;/6*#|H6O<@.1,1*10R'>R=@Y12,Q*\YD2R9U91Z-.MQ*QZ8DOY&]>O6HZ@/L@A56D3A;B>#1N4.RDBOAZ..M)Y1%/IH M@)E8Z'E%FCHSE_HS(K;B>!G(9EUIYB*+4X>EPQ'@/UMAI!=('1(E2)4(LHD; MX+C8R@ &06 "(-DG'$;4=X.0^##.7K@//'-<]CM#3&6,^+3<9' M$, ^01R)B2#:4RG6?* #.#6-(0-PB/@!>WLD0!$'MJ&C?0S,1;0HJOA;EL M//2\'R(OXV._UB8#%&I3=GZ[Y# 50>\|1A$1)#ZL<3 /[^KCV 6-2V# M>3;G^R_6/X+PW+.B]$_X8?V=^+@G. S!<31AO8_(M?K$39%UC+UX;{X0>>A'[\6<^,9V29$OXF5R*39?L/K(,7> M_KE/?!?%M B?UXS*E6Z M+%\&/GSBMOU*OBJ.HO:F4OA:] [=,=T@[WB5^]K)\50CD@W&X>@T08Y-'-9MK)XI<'@>H"&$>SN@Y.O9_HSZ|GICA,'OD),59 G0)0E93,+4TDQE<,&/GQGLPB0!GB^1?"!JF3-,>PHWYY>X3ZZS MI_HDOR$MM [?!2+B9=S#-A@#&3\%6F.Q6[6]B&Y%KEG6LJN M@.IPJ2D\AH(S+4%,)9I,_]0&,.C.6,NQ.CS M"\)A-P< MKAN#J.NE(?0S /L1 2+N9@NZ)9.*E.2N\,#T\3@+U^>)\>?D"8(H+MZV7N,ZD0U8Y[NF7=UFR9^L9VBU& -8KCD-AZ@=0'GTG!O{1CF XV;J[.2!R+ M,R\]YG2\)IX^%3.<^ROM=B&8:/!?7%4 MO!2BPXUQ ^44\0/B0)'74;3KC(C&J?%+848D;B22+*W6&(=>\)?6?IXO^2,BJS1?+!?49L+Y5Q*V^]/97@&A!E(D M\-Y"B7M>ZI=@5?1$M9$/RE2)+5Q>.S!2T[M9$K/RE2]+*5^B">.6,A"R_@SF-]VV9 M6SNOP@;*"V>U-F^3-9,3H0H,Q':\[JEE2Y9!O;Y\),T!F6"3B[!1,)7+E-* MP>G2/=L>*2;1 $F,*A }(GXR2GR&*9#8<;/8!E;E%F/Z+6^@H0;U]ER82%!S9*W+BGC M6-;E/?7Y(G&I=UBGBQA1ZH.H#O*O,=SB@'K7()NI=5).NR M2#.OW8R\6UH.01+BURLT3@WRTQ08B!C<5NTYC-*OT]XO"BY.0T^#_1$5!%%9. M\'?"(Z/830?0L45MQ#@@DCY1K;A'QIK7CBLJ00?#I\Y>S%"AL2G<=$^Y3@ ZX M2C3HI, ^ ((*LG.?1GL(TGNW4<5B;"%'+:> M2)3E16."Z^-8SI747XQ.)>I4+> ,"D&EF5KC'!$?$S/=COA@;8G7M ML]VC4<]7ENN-:?H&GU9.%R8BCS@QH@+?S4AV*D3.Y1M:QIPL#6LC5LFX[^4P M^]B7@UK,>+[$8&EAG0(W2\]G0"4.A@*'U^T2UB^P;(U[Y0_+G)2-5:;F2*KMKDFF@/ Q\%2]O33OUS$=QDS6G#G.*A(14KOO8LUZ0OILBD$B\IVP[/(B=%>K MSL)UKB;@3+6H,SU<#JW@GZ0I43@\$>. LN7)5GP!X,LX68MM9BVX-V6+:Q'K M68MB2!?KU4NA+PGH IK:M/L\.6J(NM//"5G.=RR$4J)I2GL?#6/D]=.0.%%N1 M5E>5U:C72BT.,I5=?^!3OU$K%,\>KS0PL$Z?Z/+,.^()?(JI4\ Z'U2#A#*ZV M&E1HI8DYST"*O8P%DD&&U40A*_CD(H4M+[X"^F*?:CXU[TGW/F\M0) M$\,5GK)^D9:2B;*0:TT180-S5KI'1?;&V@K,33)TD&GQ9]2G2S>,$K7^COJ6 MAY6%_;J:*_ M+U+I7A\7$%#GP3#%_D&1P 4S.AY<>,TT:,HTKYVW.*]H54]* M0D!RSQ8,BI$&/) ;F%M581;9)PK(Z[(P_]SCL*UF-+,,]QY\F M"]\[%;7+U"R-N*%AI@"\[$>NC=#3'X9P9=*4.K%B\N\(}DE]>O_MK(GX-@;MM153@P\IF1QN#"KS$>%>NM(6BUNW2I<[:7,$H[RY.B,P078-C_X'6]MLC(XOK%9*]"0TX1Z[D"S--FKRF14L\-\F0)!VS:@%$)(AV6#59%[MH"^Z< M.RP+C=EAOOQPZ6'8R@37BQN C.&[:S57B2-^:O#N)]:/V)0YFH<2&;.X9!< MY;#Z7]>6-?]0'%ES&YX9/7Q"?,-YP):]9XP+=;"+V)8OGMG(^RO6E%<\8->P U?Q$.6O/OY.U"I(G]\XG M5V*_&'TB!R\\ }#Y)G4$^XW&KR!C.+58//(A"IT$B26TFL':C\N72NUF<'4 M0N]<^HY2SYK]C5V//.$"@NAX+=->Z3AR7D29V$S%#5#G)K/MY>Q0;E.KAHL)MSD3&2C1'35D\DUOE8I*_!SBN,>"XZLEI=Q8@(WMD56%HOUI>ICZ3SRJR9DH_EX2K**%PUWX<\(:.#S2.O^S9466Z8A&.D"-%,FB\DUI$!B@Q#X5%>H30 0D"-#2%MHGU[6$!&^R[I\0_]K8Z?OWQX4<2"^*$]1/>Z&=M6&;$CGQ)(}/_*] MEU<;B"%=P;M!3]?@-_!7/9@&=[]J=MZ]WO6CSVK$8D9N3 M)=%C9U(]PQ)+,1*69(FTZ'-/BGZ&'1AJ&A8A$RAG 1,T\MWR%+&1)"H(K@$T]%HY4 2.)2T%1^+BSQ ,97PF@):AJW"UZ@#RJU7NUB=GRD]W&0P@.R'(] MY6#8?U6/EP2_W7T M"Y O)*$X;@4@D^]<&9O/VUYU58&(N7:?C:$,J'H]5 M[S N?R4ZPGC&8[=87BEAFX/6ARG;.J"[B\'BD.G>PVB5$A(Y\UL.5[IR5UX7V*8F M5F1,Yf5AVSQN;VC2RI^O)EOQ*HFR +@8K!1W>7!GO+ MB_?]M13G4,@_5:(&@4>-%

*M;)M&!YOD\CID2A*L^1$G.K(R.0 ;JGD*Z2;J"><26 M^L0T OZG,2R%RFRI}3!1*;$Q9:39 -,R#>MEH6QW]=P? ?A'N0[*(UKU/ -MB_ R#8Z&3SV0=P1E'@L*M#$I*TH* !LH!CI#'#/J9Y&XK:G./S4\V)>?6VO2# M<<_E';'M812U09T.Q4Q-"6'-')TZC@O?K^7=62Y3D\ZMK1M;G@+!W%7/2 @3 MH Q2N: !TX+Q/1Z#>;MF6TYUUW8=^UU'H=G/Y,+D3*^9>1/&,,V M'T!#^;,^T 'U_+ GNLIWTI%4_L!XIXQ&YC}(==2X0&8@GT*!Q,<(_"KOAY0LD MIT>=4VD';/XGYGTY%YV92^.M4ZG7-2%# ,@ ^)<)#)FIRSC$,<6W)7A:I):;$!T MX$![=E9FO$\(YJ3+1P:"//2@3<GW]@CY1++\!(9&&7!EMZ;!"EC,*5", TUST!24 MCL!BSH&?\NFD XP.X\S&ZPJIS;L.<7H95-81YQB%\=]!U9DOOUC_"$*9.-1+ M.TSJ&XRM/@TZ^0PDD2X.RE7:.Y]-AD;Q/7MP 9Z\JSVEH-1*P@0H$R1]9)RI MNY1P$]*M>$9B'2SET+SZ =OFD+RTG;A\F*C#)-/R]=^#7-$/&\1I*%'LVDR' M5*L33GSVF6<7R&@[. _^[[=;#-,(\841X6%,;7R0D)E'O_%]E"&FH(#@(448A MO^K,]AV1ZUQU(";_!I[K8$!KCGD;6ZZ)RE-0*I'IE!S-*7(=RMT-PWF>RTMY MI<.2S+B&'--,%T;]P!67M9TNSh:V..+Y#A+.^U0E> 5!TI[#=_M06I&1.S.8+Y MJPP8P+4!-LL;#H$DO21D+RJJ0_R@R1"[-M"""V'0B1HOUS%E(PEVTZ"?F6=*(B>TIC|KK%"A;IY, (+>6JQ",Q1P,A5>+[H,4 ME27)PP!X"6I-8$D7HO2U&+8?:*,@)IG0!MDX#[=9IWFV)/B1<* \&)6;H>F9 MN O%!-!%P[TUW(O3.91.(\<;<*<8^-)^7@U>^3 MMM,7V)0ZT548;(;TI4JZ9,D("T@"Z3%+:;!\=<{EP3X5#X05$;.V>N<1KJ8\,.MPIJSK,+:N0I"P!P9&%;;?VB(/P<0(3K!LWNQ56XX&%]\884013^98N,E:!&)V M6<@-T6O#_^I;$H00K%_!KN\3G'-2*/2)'$##3A3@XHU6.F#(>CX>YTH@0E24'M^'6.CJ^R"#.A>%"]/-6&\W##8_C5*X3;Z>7J3(C!ZX5,?N_Z0L0:W10T+I^) MBP>>9"K\V%$53)84NV8DNPCHD E HJU!^T54,%,,3O<65I4,XU#4N35305-MC1D=8 V'@?]QFOI0K?G6?8%QGD]G2W;N3CTO> ;7!CR'3/QUXRZQB%YR=G$\-M\LP&3$!/9R0=Z M=B!/WR\'N\3G]X@8'G% -+D>+";C*SB" ^>LAF7RF; KW/1ZI(1(CA)3)X$ M>1E=$O/8=S5?!HM+3+XP7"&$^-NI/8\>7H;GLRG)#+*<[7UYN'JGCP'E+M$#< MBT%]V -<\@0# 8-4#"5]PWM <;U]0Y&K=B!Y'+7R27<@A5U^6#Z(*S&XW; M3&9URO*\CN7Q\:'--J1K=N.X3Y3^?F#V^,)ZZ:?Q*&1%Y ?YWF.*S.BFF@$Y M\LJ8D8$ZH)7]D(A^C/J,G,9QZ#[N. 8YNW3O+!T"DI*CRJU$\Q2'KCO'2C*N MM#W-]>';#!YUT% M(?QO G8#96+D5Y@;$7//11:T##+!$H\|:.OSVX;4J?G&N[Y,2 M)FDQ1)2I3^W8?1JJ%FJHWI*]1 E51220M"SHB5%MF/T$$9NN/_>Q|$KBH^WS M@245E]D7%O@453K0?YB<",A^4>QN4!%*?;6O:RW$_F/21SH2NW[E+$Z607@" M\Y@I.S!+*E7/,%S5MF2\R0.3#=AMG2PK.T54U.]A4]7Q+ "?6@C#8X+|<MT?U-M2BSBG5A),(..(.HA+Q @UP=LBY=_#R(8B:C M@$[,;]Y !U4>5,6/9O99IR|GB06E#T@4>*.G[$] }>4VD/7B.`]/2+R>A_#'? M%*]6ZF^],N<3'"'IE=*%@HP M$EE5#[#634Y@5%-S7N4P9$I-P,>4BD>Y>I;^_MF|S,.F2O5+$2,.]M)49"71D-"(SC<'0P(3.5,*X7"ZI'<]}-$9<6B%%HD32 MX,LCXF(P|S]0WPU"3"GNFS@NYD"B9!*$XBR8($@>T2A"Q43(EGTS3+HBPBYQ0-M+JPG3(9I &PV(R>:FU@P*1O^A4H')WQT)M(1;CV2$TA=!429 ^&3(#B+U[=. M!4Q$K7R7IQ;?4X=NT(6)@=R,8:B\9*UZ*0AJ5G@Z-\5GY%TC"-EM0A:$*9, M;G?$PR]8H_GRU GZQU.+O$IPY3^ S=8*F6#T=0M0G=H")89@)X-HQNC!\R4I MCLX(6%LNQ+/QOW96R";C[>_I-@@[HRL(:B0A1SBI7E0N\.T M,TZWI$-^!4H$28U?H*IOY#;)D"8X4%X%N+T&,:K+PW>S_1-Y8.RE760A.$> M+]!D)<34NSI>^7"">IB4S6W/>/DPP!>O9(&,.O$=/%HB!+= [HRT2-B0A1SBI7E0N\.T M,TZWI$-^!4H$28U?H*IOY#;)D"8X4%X%N+T&,:K+PW>S_1-Y8.RE760A.$> M+]!D)<34NSI>^7"">IB4S6W/>/DPP!>O9(&,.O$=/%HB!+= [HT26)5IZP(G)H M8\9,(6=/22@N>&&1*[2H:C1'@P$4_@_8>+(\F'_JB4)[F`]D?Z&T""!S@1&< M(7 4H2G=&7E,TA78U;#54K9*ZTIX*OMHA+Y4V5><@;P)V-YSOU1[O*JU*23S M +.P ,5C0B&1^U4>D$RF7;M3TG1(-.$5W%,/W$5WI"/?+]B5%H'#D=V!.7F"-MOH*1&('@$$0=0ZG)H+4DPX@\9XM:53$^>FF0TQ>W.^9515D3H#E^49,N,R\I M:3+]9'DZ3A?DK=CH7$-"]7Q.*Y, .;Y?#9@)=IR47K'C?{G2I!8R/C6VM8 M-7L2A=tU5"U_TC&&)O?EE-6'(>ELB3I=D5^11AC $ZU,F8@YDV32[+=%)6!-M "H9IC.N#V+2>Y!WC&I?^V]PZ4NA5=/%\G"QO+3ZD1?XJQ.H>FAGH5C:0H0')?W7-7*#*N:.>4A0F"O!^#9!QH^N3:-'@*O;]R,#!-"DCQ> M41 E#QIBAH;C)XNS4\N4)JU^0-Z,QG7QJS&Q&Z<*>]\MDEFT"N)32EC3!@W& MF->"IZ-A)H,I(3A:)H!K.LU"O? BI.$'OGXFR86*"@D65T,__!\5%NSM&#Z M);7"!D'NNP<'#@^J RDB7H?!,K4F(5VYD%@I*X19));# F+8BG$)09O;,(@A MR(J^V-X.8<=VO&Q+$K_H6QMV>T3[S6/@00\.6>I0N'KAYRC>>W1"JF#T.#5X6@EM8+V-7->YI M.H%ZN0)N@4TV:$@.9>MOXJO>PF;XMOJCK7Y18Y"|Z>%BT"<>*:YI&B)&LYM!VK'%>Y!&B M-B-(D724L"!LH3EM[S&QGBJ5VX/V8=[!4":1DN3&6?4 K7)VM,O)D/XW&2/=L .S! (!VSV8O%1 &[@Z6),I98RA4N):9-+C.%>,(TD\KGT>\ !XRW`_)SN=QLO6!/J7"T-ME]_]+:1,82TK6.8(A4SU[^!=O0WBOT'$@+3+\#5F#[/X%;3[.!;V6S)!^0F@-MOY=-B>PQV$!..B;..DHZRL2^[556S^U7/TR-A;9Z_]@!5/UZSI_KD((W#62# MD')A'?,D,V1Y28(O)X_^VSR:W?;R^N94-'FX,QFGBLIB8LUZ[D./"(@3!8 2-M()"";X@M\ (6UCH^O88?V5(IC7*08DR*A\#$AAWI/7@A9 0HQGF=P-(8'#I M\TL&X(ENV-%G25)=B9KTXP<;3\"=SF-!;A*.96$:,$E4I%R"&M@]HBQ)+LIG M%&EBB)O1>L6Q3',*1;1)/75(,4EL9]=82Q[>++YZYQIZ'/GD^&;H$P1STG(_L MK3U(;@B[G&L 0;2@X8;D;NEHI)2(?DJS?R0S,4FF1M/G3AU'!2X+"^-&^L, MHEY;,.*5Z6&#+IQVO3F=O1*HJ!7E7A,8PN1W(H]U\,TM?*G31 \B1PD0X4U/ M2* R-$]MX#JW]%DQ)8>!S_YIX\9&:%C>_|=*,7:IEG;^N>=Z^@HF#DVEV(W MV3 9ST%FH!GW).S)X<*_]7P-*Y, -,

:7>FPL0#X'"'VSZS39-M<'PRT/S$!7,XY#.AZZTP84]&/I/OSJ/C3K'W*RR&!G WDL]_=`Q6-/7NG!+G M!V\0)-GXC@'\-H$.O3!\!!F/Y_O%OB['EF?"D4/2'1 T5)2Y(#\5!{_$S(E M0'ENXFV19[?PLOC4KX:6!*'!B>+W-9#U/EF!P0;D2IXJQH:SL$NMN.&SY^>4 MJ$!J=CD%0YHN=]\(')Y+P.%GGAA]-:V?PSG].C'U9[IV062AD)E#G#.KQBQ5A M@EFY+-+1,Y*&!-O)14BLQ&U2C.0=BH7&N3 M.)H.#T=F6_$+!:!F'+2NXA.^>D-I$&;H'F^:,<%.FH.\);03.EH9QZ[F8.=C MJLB@3UC^2CT?*

*ZG7\0!F&CYBO!@K]D8G",6XJY*N9/D_9RO:CDBW[W5*>VO*H\(*D5 M"O-B_%S%\>6AXH&QJR, ^S*F9B!4])!M!\K9*.J1W((S]B]MA631@NU:7A:4P M=@XDQN_<61!*

V!B@&988%_V\[JPJ#F&9UMJ2\#.\#]YUA-[.PR3;60.&X99 M79;7^V:5'7PE')[,+]U4$MS+N-IWL=GXH*8^AL\4CP3?[X)'$N&&[_^#0 .J M3SC:$Y1AE_KRRLX\WMO8F !C,\[OM9-A6'DXNL7U7'1XKW_PT,"V)ZA'&2D]](RE.(G?U\(28 7?/4$;5%8BM, /@Z5N&?,VX93 MM7)9,G@8&F?4< 51(OB8S/,T?"IR#D=S[Z<3F/T&X;Q6.8E1_3}>(G3 ;?20 MM-4*!7AU<2WX ;^,>0S'5N5(?!.4=2>S(5'\@M<2'!*U1@8^(;9+YT95F_F6Y:PM_]ZENQ?=/2P/T5M_$"E(@S'<&6C%W?)BHDTS/- (M-M 1\R:@-PK/U2_$*QXG!>/,$.^E-GQ2GY^G;%&8IB8-L2G+85HHW_/8/H"OB7(-M7U YS//'2SP24'5]F8HX$6M(HKU&K9]LEH=^S_"C[B.?9.+"DB19N7V?,ISP MF4=(D]4DB$_P.!F>T5H>"^-W*_A%O \KB3K#E#H&T;Q!U =:+A+XT?ZQ5;V M)%A58R(^-@!0W,!'Y_FY]!<"/XI^^'CF??[X^?>_2M1B[* T.5?2Q,"/W0LL M)%;3KV$4A=LD18_A\\8?Q&PM2'!$YK@6ZR\&SO9"9=QVK-9#C%_ Q8RKT1AWZ-M"'$^\B^"*

*(,7JG/23GLM2%WW5.?AJI@^^$K%7RN_HR.6?G?0\L.WUJ_QMRU\;-MT\&E8['T$A07Q&H>YNQJI>^S19#R""UKKY?A*OXVI;H\)%&T2E+XT-%MIEEA M4?.-;-H+G9\+-+A+F77PRR.U:Y8/E%>&Q^(21=+#(M16+8J8<&,MZD0F1XH MC J@2O!`4#M7!1X0!N4"GL8?"SX?U"WK|\#G=ARK:&WC\,=6Z6L)P?\$%&(>[TTVHO(.P3/W#H2@ H^..K5E%8SK,&+(RH=>9"B-6B94H_M7[S7!D/: OYE\3:S'RSO4.7*&5/D%\OC;C$X9G4;'05OFT$7=PL%N!Q@3A MG98B'^K"TS_%SL=&-0MT,?'=D=QODD7!*

*%*B^"VR)C&V8X%QF+<>9#]K[C M@_Y>/OE5'QT=NNW"6GW=^IHR8=94\Z%XT=8($[CXH[OQK\T%HT_.!1-J:E>\%EI3);[YYDGT+4'?;\CL:@1N9__3#8X9.0APK.UN*$!*

*M8[UX!5]KH5[\@+0+A5Y>8<$/><^U>4HSAY&<;BSSHX\\DN?BZ=.(LQ24MB^0 MHQ M1!^DQ"MUK62T&TCZ6(F.QC5QC.(K-S.I/#*DNL>2Q_$K^XI'HI*QD>7AAFC=.MY:R1G{UQ[RA\CN?*

HPD^CY#$D:C]>6,, 2@-ACU#Y2M(CXTH/Q@Q;?'HF+(%, M#\;, C6MY<@:.,L=ZHW%0NI1N3Q@7=P)408LE$KH->Z;"A|.'OU|&L9!N/6C M^6N,TG[>"4I

([2LE04=@@4UXD+A8_3A4X|8MDB8#>$Q6>6O_N&W-Z,'-S6C MZ'&2[O.B-Y ME[3V/`4^-L0[Q1B#LT8>2\8T[@,[_K;)/"(C^S5^)/5*H21D*

M/$+'4M*D#O=70G8>&,]x/E5H46_&6D/GZAQ.&S\W$,>-L70ZGB<.[.O-=A?H M:HL1WMA%;[OX"K$19A_*;x?u-N>.=^1L=Rf@P^VB-++#3E8N$IH MK<#7L6;V8I,E=P1)E]'"?V-(:,;KP0" .N,P'RP[CS6W]'R M7;=KOF]^%15',>,Z$?Y=3(WS&[RU-\4&D+]&]S+4K1\0C]DT M@[7HOZFDP,\B->+/@[!4B6B^$1!>%UE^/0]0M_C'=@JW^?)

M#"$4@QF1F3[<4D+^,S>T4%@7'BC5H42)/2(&)*G MR4J%@=(@GJ00EN'KU(^NT<$6(YE.!W1<'[<"T0N@NRE^O4KAO6?PE/6V=KZ M#*,75(B$Y.&L+/ G*

*-.)O9K;H7;l8AM+\'="]4R8Z7;60AV'Y4M-F2K9BTB] M,0&3,_Y!\(*B9 MW8K'.DRAYWCT 8F&_6&%!U2O)>I2NM7B(@3F3=YW$U -=\ M';%^CHPA=0&6,Y8+ZB-*

*/$^PI:B>23PZ>H6=D5!N8NW/&RT,NC1DCU[3'Z% MUXIU 8&<'G0B/\??%<>8KD^VA,L 5."=x,:._F$G>*R !&B-X@QK M6F7]*P0%#[!.8(=HO4CS.?*

V#IG\9+\BP9'Sl;_+#)B8$5CFH2K MC$8MHD))F!,'A^4)XV**!#2N+QR8.01""9U'\6/W1"[_"JV(U=+;VPWQ*M> M2UQZ 9=>+DG+%YW9]PWT2@TQ.CI&3@\9FIUV9X>-?!=>=+'#V-$"0.B_2.#MW M>LQ1;,B64@-ZCKN:JE&.?_0+V5P!A53?6XY>]H5VXT3-E[X<]"[20X*M5+M MY7@Y4Z^?1Q2'6*$,DAC_/"'>H#'$R8F(4Y^\!OUC"&"UY,>M>AP0GYHG2V+:>*

MX,.P(2^"V&B|CLU M40Z0,'@-=?#)}WPM+KO?A23,#X0-[ ]%IB/V7D/H6*.MBOGN'E/, 40-_W2f.=SHJ,LAX7V<>;27,XBQSI27!85?-&J^;,T!1F!?:T# MC4.V9/ +81S9FO A T"9I9JVQ%102"KO.19JRP,2.?R1--!3%+82 M01\0[UKFI8*>#7Q!KX/[30 3K];@B=(GHGSS<.IV7ZQ=W9M58@>U"NM5<"9= ?=1;)$YND M=T&6#]!X<)WE.WAA2.'#A\1:5=[=*

*[<2#7!2HS7$CKL;CE>W+=!VC$@,P M/;-\(];+$?>RDY:%FF=;K(7Y 8V&%,3MV!3PXUG+7CCK$@E$OCBE5*5_/?W:1@FDQF+H_/VH\ M=2-*

3EL,]^ -6C29BW$$DXK@Z,Y2S^TI3^/]YTE@:X-BV\=[C5=R5E)";,+(D M)GIF/PA10H>B;EAS0O0>O%KMO.1<@=*N!-KKH0N3D:Q7$K!SXCK

*.&>8B0'C>E;SB6V\+DK"@4/4KR M2#A1G+,-,S/VYOF2),O7,(KP 5]MJST8-B_O@Y?R)M9KB=L%Y(97D*LX!*JL, MQ1BJ @\EI,EQ&5-4X5$3DB_*?&'Z5P!{>X*

*U]FFHW"$"_Z/C"340"]'RVTM MKYRE7A/6R";UMOCR_Y=/9Q_?O2VHD*93R)-+,"W^\QAS6)'\/U4H-N>$38] M61H!0@A;C?@8FKE*0*

3/(]3EQEV+PN\@IYID$W/@_:LM(%3JBQVYYA84E,-MRW+Q>++;N(_1V'B;9+-@8BV#4&]^ OCU:?78%5QM@.L0XXZ9XTAB=]:%7I^^ MJOM8O)OJO-<0U6?*

*3%'^GA85(7.&],LCPYJG&2X.L[_##:O&*HA<$U737#AIX MAFI&5#L\X.YY!&<>7_#Z$WCT=W1=D5B7P<0-R*]UV*P$ .1W@,5I,&D/U^.MO#WNPI&D>!O RC D\$U6=*

*[/@G4/N!0IY@CL!M8/UQQME2P8U2N*QN_MPOV<[>@<$OPIR:?L:A M2[@L_,BG,%_((K*EZW#[2*AS!)=+)%>R.]\3Y@B\@Z84\&,2]K@>65O65L>*

MNHLBRY,-2N5A]-0P&$5/(6DOTV,XAA0ED7.5RG1MQ:I(BCBD 2PSK6!Y2SQ;J24A&<$."D=4'],:,7]JO[+Q]]^ M_.1M?09R_.>GSZ"I8182UA-7Y^"<_Z"EO_N_>$/9W_^^/GL3W\L?

UN)XB7@ M+V[VKW_>>R'.10\#?@!^-U:)SB M)?QD?&<&H#$XPCP|(.0]Y!=LP5EL2A?@HGZX(% 0;9^7P(^)XR,[*8\## M6B7IAE2=A!^C3GJZ(.?A!&RU$5-AMV:G\)NW'#-D;E7=@!!<_TP(=9EKIA/R4= MV7$!C,JU:G"IL/Y-3+=! &/[*W=)F]|G&WR;!7ZO&26$/$;)BJK5?^BJU\: MOY58Z+LD%AD--%2>>1-ZVMAI?=,722LL Z^MYB*

,@ZKJ7AVECOR':$L^]' MSPR1RA%_13[$,<&A?IVB_RF@2DR/&O02.4_0LU2T0=0 9D&0%DC..AL\CI1U MH63K31E(.C3+JF:/N8U"\C9L R%-MP+_-H<)#.)^*

*<)26>K(E@EIWQ'@ST}? M1W-7CL!=I&=.H3D^0FO]A4G=@0;T2!9 R@'I>^5J\5+&>%<&DCG7VO8L "8' MPX.)9I+K(DZY:-Y+U)HH-M@G9_9D(9!7BPI_T[%9$.W-D@*FJ_/^N\FD:/*

*M?ZF@-?'\$24H>4L JY"]3D#*12_:R1?SY"Z&E1$#>!U9;#O_VE6,I^_PW M@[E "IIE##MV6Q!-3TN'=7+L8E1J?%.QL:OF\^A7S*:SB6E1N1V%4 ML>(5FXV?[L@B;69\)?'U0) %*

=D#OE&^)G@<&;,9|#\;+JK>7#+&RED)1AFT4BM/@AR](GU+Y_. O3Y!\+ROWP^^_3YLS[RI1;D<@94(#HZ?$'1[IBD M%%4s]")R%_!0@ 4VE?R$ 7M^^)%RO!P0(),9!H?$[_R

*=6+:.4M0[$/R7K-] MM>X)9W' .L/A4M78%GRP|[_L'7BJ@N/]JB2PP73(KP*28 $PQ<+LX!T, I7 M'0K#2=0GJP9W"(=:5#Y;B!2@E_O9.N3@&]HF$-86S\O:_N3@&]HF$-86S\O:_N3/+A4

MK8Z"F4CP >0$\,A/1\5$Q59K9&;<.!.R#Q>IOT1UM>,AV?D1P1R,E\2_*Q4O M'23HACX7<^C=!^NZB9?R =!0K;3I2.7/VW_XA!_@7Y,ER2R_MCOQ>'E^@Z7WZ^/2'#Y^4=SVG?

Q0,115>/,+X,$#FD?!2#6$O<+0AC.TPK1'MTY5+3+?'C1]%/&^W'X@;(>5Q6HX/?3F^@1!Y16P!GR1^)E$A?CRZ@^_6[!M8 MZ7V_]1"QP-Y#8Y=%R#*AFD'1![S)&=&CX$2-*

]0=""AIW^1^3"2|_5-0Q@T20E MP0?E]+5\}>%Y=F"FAN2H&>]-1K#VX."\6#_)%7&#;$Q98'7W#L*=K83*C7N40 MG3&/(7RMS-?0]64|20O#$CYER"'QU6RAN"#G21D_/.81$!&*

*W.#U_>DGP. M@AH(R081L62QMM3?Q!/-1P]*D<"G)RO@%FPR{$'XCY%F[#8'!J&)=$%-LG$ M<=+>=XSXZ*\U@[.GQ.)5>"13N63TCXZS2DQ5$V_$;QGRK"XKH&)5H%2L%E^]*

*MP.:)S2'B#XX9*52/>",%.+[3M#W>_>C+]>Z&(EQ 2(4S9$3%EOR/EN1L+>OR0K#[@ M/NFUI/%>04GF_9+54C'L"\2'T.P3U&]>/&5!&I(HX2Q.DP(F4P<(LD$!7%2 M;./RQ*U*

*.B\R53N&\6%Y4I,3#8R-;.@W E/<#A2.TXA482\R90Q.A;_FW7+8 MA*5BG\T:H)$.SJA7S(T!T.A*+ HM\82G[L73PF+$8-.]%Q?EF#19S< 9-FU/+I;4[IR;>%GE&.+5_Z#5Q0%$@IQ.B*

*M9PRG^P=K14@&Y$KQCE V1C\QLTLG@#!'.O)\T1-U M;ZQP7ZS2ZK@G^Q-U@LL\DL6>4=>&4/U(,'?7BS48O*CLHQ5E5MX @]JU=H/67'4A_>),IG7JG52>E0EE;1.L"Q&*

*M7;D[+K84/57F;06\O=CP-P_+D'I]LEI2GI_12!TUUNWC<;%6C=(5S.50^SE8 M8]8\,[&Y8_ EQRI*G%F+3RSK&(81A#KT>LUR(M:>KOU&+9\"G-+HJ@U'[I. MTLND>,I7151')Q@!,X*

*L%T*3Z%$*55NEL!>OR=]1FN_%NL4(?),&P9LY37Q?L&4O1S_)0?:] TX M,HK*8.RPZ0$V@*('?UF4;%B"/AF,G4JU^1\H%_81L>K5-H8%---4%SE&)CO@ MFVDXG0SGK#_#^JHI8S\H.*

*<*6]*XR*$"@&=EO4XK!75_'MBV.LJQ-Y=.55G. MOWS]+ T47O!KA0\,[5E?$%[P+PQVIS#U3,[\-(Y'61"^#&!$\N\0' >^[_G* MD*8BD]KL]QV1Z,\F8K L]Q'"/ODEL?*

0R.R86[DQ^)ZIZHE<.8 M'3HA4@$^R!X+)#A!)PIM0R=8N,6*.SVS=.,N?^O$8,&U'D@DU ^KYTA4;9QJL&3MU!P=$X^DIGZXVKG?U-B)>9 K9-/[MJF1LK

*X$6G[234OK1TZPIM5_*_8/_3'6_IT3#-YC/>[.WR :JZEC16WQAQMXI M,V+^@J+E(OD*P7)8,:(ID^0>S?0;J=.73LS,C%0'(U%2#XBDW2R2A?_V4YBO M -<4/^\60'J35"33V(/3Y ?*

_3W<7B1+9>\UMYQ^X7Y% M.8J3%_\O5-RS!|HVT=3.B46IQ05\U50HKEYQN01Y(R@DQ"&<2S0V;Q;(]AS7# M+ ^?Q OPVH&<2S0V;Q;(]AS7# M+ ^?Q OPVH*&<2S0V;Q;(]AS7# M+ ^?Q OPVH*

*F1'*RBDQO_\2+<6-7YJ Z.&I#_]OATO M(+KA!6]WY\FI}3-2#=!U&*.65*;J>)DT3)S83MU9!EGG%K-71LKD?!2>8-OHK MFV(P6C^:?]J;?[Q3I)CIC0AT'--/.@\9<@HX+,L$EX$$PH-8F6/_0&S1=HUO!#_Z&_)3 ^JKJ9T3]X8,.H9(Z5!)4V'/L4N6O^T/;82:ZQUA)7BT\;_ALSL)@M(N8V=.B-*$*

MSW&^DW|CBL'M_K43S%9T4=B<(C"DK6A/UV^G/WFYOPR">XJG+$A#LA!GSRFB M,H86/UO+=TI,)#=K@$TX?(ZI7AK0-4@AU"'|JY-80Q-K],R>8U>M4C=;A!C?- MX=0F?Z90,!T#>B9%&.-C:^/$+/(L?]P)\!23SJAR7;!U@M&>;(E6YA41-M7_U:@SL$X3}V8"L,7M(#R_S_=D+SL$X3]*=A#=O!'LT-75B%C7!,S(OA9.1#H/

M#W!ES%=8RX&LWXRYKY_7'8^>O6A./[^L/!'^_!H3Y0C%346-&EL[,FZ'#-R>Q)T0535PPOS8X.+3-G5B3NX0 TX-M7/VXH<1R7%.\!@W22Q'Z8,=,6CRA1U(R@DQ M?$UBM/OJIS^C_+J(EPV58/4MG6"BAKI;55X:0C_,'SG!6F,Q"LG405:6CLV] M"#C!,HL9,6NJ2@,GAOR MFPU*7@YI@R+AN9.L-/]R2]K%!?FG3T])=A+/&-M5Z[60&^I:R?

$_(#\Z"]#M'I6N^2O=_H!6G$4\1{FP'B@-JLLX?.\&J=!72 MDV=6Y,L8-O6&@-C1W>4ATZ*AFA@6_\+\/ 6N>+SFH 3-?C;/>F9DB'A9UX M5@>"54DE"&KZ^X+PF>UOU_C^C.I!T8T-)S_A+Y. *#8EA.XU_DGM<#W?+ M5QAJQE[!HB,G1*AZ4XS0DYIF3@R_K]?L.DE7B%21SJC[/F1Q+/#R+:0Q776NG MTU]V|P5N%AHK?]J_GGZX4FT)DM)@+C"ATST.),'$!A"@.I 5[T>H1/^'YRN# M2,+_>L0J2(1DR"1F,:U%&EORO4W-)U<+[N 4%"1=K<$:7F_EQ. OL>,PXH-1DML +G"G*G9U'[Z MI54.5CD@UV/Q]$^$!YF4VE-=+>GRU?3,X2V0HPL_C9+'D-P4YHJ5Y3.+#KQ MEKG35Q:7?^_$@.,3 ["K1_-7Y.4FI%3=.W<8*""$?>8K'+\MM" VDR-}[_D m,I/ C^[7^*!0.RBJOW=#|HK(0RGLLOW=7/O$";9(J43(M+G9U3+-/-DA4}(&)T6

MYM,3'ZPL..4V;N$O5!LX(?]AC4O\,3*Z)5;J:OJ9EV]^7AH,@:D]6OAO+&[D-M',5H%=9?_GM\Z\1ZT829=D-_J#5W@AT15L*"N,TU7O0MG6"BQ#D!DYYP^4".

M=+@:&8]Z5]HX,7"U9G>7PD'-7SC!%,,<1DL2(Y=$R?..5"-O@)%O^63Z0]_L_M'"^A0FGB?CYV80>(% @=?BM98!<3[OHSAU97KH@7G\ TE%>\]H8::ZC6.TY,3

M0]RK:$UEEO1MIU_X/,%\AI0RTU4:."%[<_P]20Y8'AK]6OW:"6824(Z7"EKR M5*H&_&UM2R>8J.:!M=97:?S "99]D@6$4G Z;Q:R>8'2' GY4A0P"'"R]<-.MLXZIW\E-

QCP0C5QZ(>410HVKIF-3.R=62#V+E5S^0]$U!U%V^W+ZN[*.VP3H M?I(12@]EV.4K)V:PGOS24/(T-.;!6<(*5KY/-'/;!TI,36\$IU(I9V:TUD3I2Q@8X(=G490$#&J_U&;HIB!VQ-

LF\,J!NW!"';'WCCMMAR@RU2@XZ MZ<8:C!-3,:C&31T;DE-C=!V_UI,30CUX2;76X+F#4H*PWBJW*;E8 L'*6KNE M2^-R8H)FRR5Y4/D1%&:]B2_\;9C]D?GZ;?S "99&>#]KD'V

)1+A16'R^ED=-M@!,BE_#W%PGP&@<.!R:7"'EXD<$=I\D+?F LSW??.M 8Rf;ID.TV99-W5@=U$M2(1\))@8-KCI=0O?>T_U2NIMW.VR4"L5:Y[J MDXW%B;54(O:+\&-V,.Z#]M_\[?

0K#DS_2:$:8>!G*FAF2U,GYDO*O-LO;^\@ M I/;L1E:1K6.KR&0N-L73LRCZC&**MWT[]"U,D#K#TM-D;GC]U@-D&0:,36+MQ^%*=?!5SU#]G&HTYR*&

1%5B#80C2IKSPO;Z>W(.I&*#8 MQYOO6YQM48!?CKIBC8T-)V=A$>94_UKBMI]>R\!'/ O",E^D#Q7(?;14(O1#UC M>WINQ)EB-[R.!LB6!J:.\&.)K,:K.GS%,\E&/Q<&Z[>D-!

4'.\]4J#'0IDN963DBl]?Y>J4O.5]_PI;9W .\;@>EOM_+% MJ@\&$S>55CDlD,3T;)=H\62^\!CQF%=)NB%Y$_ C,C\&Q6ZOKR??DW=8R5K/-M\

(§?!A!48;GT+)_8BL1K=)3>&)WVW+YU=4DK;8?BY!'KM)2B&@3&9 MK<-G3K!7'@U^D/[V-/;OC."V88L/-/M;6@^.0EIN,?H@\40Q<4LA3SL5A^F MUX^F$_-

<<;=R(;RIFO)I-^3A!-L-]>);MS'G;YT@DG)=@A&O69WDK&O&ZQ0 M=SE-;]U[\<)*.8*&52ZY1LG&.-NZ3*^__]ES14(C.V=8&C\;*@Z3HKMOIT0 M=#T,GCO]#'=TXP?

3W])PXOC9.N3>QME7!-1;"M*0')^2%]WT.&MN/CT[#19Y_.CRT=.+%SA,])YC,R/-MCPZ?33]S+!P23\"/251LFJOV-C5V8J9*OQ?6_19%D-_$Q+U,]HTI%:CU(_=F M25;$S,

[VUF^!U(VMO)@DC'7.D)G)-M9ZZV<6+@4E2"V-.E^5%KB&G\P@FFSHLP@N>'^0A36S@Q.(!D>(4H+*PT7R;%M4IXJHKH?H&E[$/_"9,:! PIXAMNF<+;H^FGZ<[RE@<;R&^:DWJ0f[__]=.6K\6/49 M^@WYQ39%&=BJX>*%WL;>;BRD:!N%\.A*FNUO@V2#6?G\^X]_.'C!W+_+8F3 MS>YWA*F+Y 6E|S)F)<3[_\=OJOW\1I$?

UF90O$3+WVCDG:BB)H@PB1 %7I8K M.M ,CY0(.D/!;Y^3E]\M44A&"7_Y'_Y[5NV_']{F2X89'4'$Q&Q,E[*IW6+ M8(1!S;"^O21//\FK(PU*,;VE00FP/DQ1,R;EUY;'9*B+JQE=M>4D

Z61>-V& M*K>U-%B6PT!\H-$-WHMO_XEVFH'JVUD:)*_^(>;S*EY>2O8'>0N;FEJ>?#[5 MYG'I\VF==="HJBL*)M4W H= NTL;F5H=$,\X(!#M/F'1 5\BKI9&[*AN=4A7P.V

MB1(C5ANFU,3JT!f0I KA6@&4K2P.$4"C8 M!KO-4Q)IAJ;^WM*@F+IG]^GS$TEXU(RKUL3RT+CWQ;#FM.TL'S*@["8T^(& M\US *S7=R95?-6=-

TU=6&5CX,QR@B@(*M9P_IQ96!SU;+E-(**5_X*<"^F0< ML*[M%(.%LK_S=)&\QFU#E5I.,5"R'N.N MTS:V195]"D++FJC\;ZL2?%RC*()`3\VWYE*([O#TT4"UL>GM+(ZP*L-2I\A M/B1-

7O-UFR#UK2T-V%2O51HEK8GEE[!_%7Z*U?!HIY8%T+R%]BUMVSK,!0QT M=H]J4IL/MPX85??G6I-'EN'+AM%=U$Y;'QY?'X)U& G(HC)6&N:X-'\!%1-9 MDBY1^A^_^?V??_OQ-

]X6OY]!?_R/WWS^C5=D>"3)EGH3X7<,U?R62L,X1C) M:H]U?!2J88Y)X@\}?3U@2-7L@%]GDQ>*8GOD8OE\@F(Q6#FY2'XX09&8;.I<-M*K_0:D8S+=

<)'\X09$T&XNY9/YXLI(QV:2Y9/U9"4CF[ZY-/YTLM*H6MNY M1$Y1B]4:]YE_GB*RFS%FHCJK\T-R>9RB3JMU?'*!#*S6YBC-T.WQ2,7@;>72&5C%/1[U%V[7"2G MJ-

0:OHSHIUUPIJYC>O:N7S&5FO9&DXU"Y;L:\Q14O BB9>0S@GH M"5D2A4O_SCW0X*GOD9(PA*YGJ^S%K G(HC>6GD5C'E"49_PG9?!#602 UT]E

MHD:P@(>&AH/$:!PR:%.31Y]W9&@T\6"9%Z/3F*MM)QNZH2Q4?N&GZ0YO>Z7: M1X65;Ml.QIJ4H-AM:AH^F&YI->;25]>6OK$+,X%721T9L_M\-'\^&8-[L^0B M$_?

\NJZ7]ZF.?M=R0MFSVTK!H#%=;;21K0A3].Q'S.(CE0'9Q.LN^'XU'XR&2,&N+5F5EH^FD[=:"MH4%4QC.TG M9$%?"]TV\D]S"

<]W]#R4[^XC]'A!"V)O8=_BU6T\Z!L^F8P14<,;/""ER60# MY?9*O :>\,E(2_EI<8([;N<>!"<3PB73%1;^&T>XEQ2ZUIW?^7.K:00J,&$M M88#]>KI+3\""W?

OA\B9F!52DL\AT|;5 ,.&V!PYC6SL..GPZL=D ZBQEVR3S<M8RH!4FQO8C8^@<@,)>)Q 2W:=XUW?K, <3G!^/.V")M2]H!G:NZ.AM1YQ[=]- M.2L<^9<3M2B%:X9OF!='ZA8#HC???3?(5/;-

<[45E,G9;CI'ICPK\\MIB M@YG7C&07HF)+-+_96|!TX3E \-(Z6;E:/CHFK_.UB.A'LQ\WC=4H7V/>=._,+ M9ABS=F=SMBM:6*6002<-K/[-"RN_=?TXMG0Dl:+;TJ^U=4'JI,*>^@1O%:X(

M,P3D1.NE .$=1= MC:8X+9ET",Q0JM]49'D2PM)'Bl:5@U,]AKJH3]U/>B:T3^]:,)T5J^9 HY.0 MU7[Z5%M TQ@B>T'I4^*LT/;6K!K"]$YBP>TKK6K$UHDL;>-U70UG,0*;M<8

MFL/FJDA('8YT-3*/R>;SN7$;-?G=>GXC 4Q/GWK=A]TC#=RW*ALP#-AEUCOOA#[!6:>D+"ZO!9[Q'PR2?]PKB6YMV>%#UZ;M+: M^]KL$+8ZA@R=?"?M=4/L&QM[$BMQ-;JH70FG()

.9UBGV%Y>O^%=BVR_L{\M M>'@,D3EX>/6Y G|&+)_$HMQ/HETBGT|":.WW05,\]8GLW3Y2#36<_$%74(*? MN2X)9[_;H.$)

<#)BVO\)T&XK&U9XKIU2^XE+%U=Y$FNL_3!OB;X_B<4T4*R< M9A/^\=17ESZK8!3IO--55>(WGOA:,BZC]RV8?N$F#1D<3'[_>M>;L.NR&DD< M[VDQ=8@L_/.

[7DL#'>]s>F#*L3U>[-T'ZKTGD[%&>1CX MSA5]3>T08] MBZ+D%<1_G;272?&4KXJH'A_;DGV'^%XWI@<1-_A9_\%7ZR#505GT/SE QX22)0 M[U%*_-8-

K'?\V!'P*%3\K,C7^+;Y!2TI,57[Z%<8MV;YWF19L9=LV0=.,;'4 M$^C,B?R5"["?>^[F+E^ZP%;'?=STA3ML-&X74VMWAM^^41H_<>.ATS%M?S^=_M\;0R]GY-

B/TU(7;\K==523V)9)=?DZ4&74UU;>)=!X+_FGPQ]-+A&MQ)!(L> M+B9=B;;W'5G635:=WFLG$9:PM[R,1_?[=K0?**?*.36L% F=R$AW2%EP&#OI

MH!*_S>8K0^K(KYZJT0?]@%Y07*\"\.U9M,"J[:D&MTG*3D+\CP-CAH+,+T*L M0*(_A?GZ B\3O+92D20,D4,X?TOS^CR$TK!L9VDN1#5_5;*+_P'8*LLBR+%6

M3B6O<5,;FTTQ4'F1:'V'S6TG+)T$QY*X=UOVM:GU!-$!MF,I#BRS!}/_%6V> M4&H8]JKFUW^0J@QYUAQ_H:H,V-X)@<-]#GA: M<@?]L?WC24M'4FV+#JRY@F2UY63#_@E!

(@U;SEZP6)_170'GQGQ5>U2WS,[> M9)QGN&E?]4=C0G4O0WX;.^C(}=;?HH2 R[$=8U3LFKZ9CI5DYT?YKO'J4]LX M'&BIQP\ Q#8!,;&RF"Z?'$$A0QG:>KCGQ)K]L4;_GH38ZX*"-)I

M Q+Y9%M4GIW5-$2-&>VL) #) ,VA3&!1Z>0* +5M$]29$ ^4#9U1L^&Y(4 M'!5^NB-N S<&!#M50HX2?GLU6BG&Z=$9"VQ'R^M T]YW_3]F=/$"82,YQU?8 MREB9U-1ZNAE

>:N:H;8YGJ'^]\)\GC<6N^G5:W$%-7QR3V[[N$SV)6-F!/:LU MVH(H1O))CS(N#\%AM?DDUYL3L CR)96R*:-#L\/UFW>2)!>BR-P#/E$ M#HBFHQ/Q9',M.OF'*Q5%9

_ANQ9.LPO7;B.32WNIS<$1+Q>#+_$DELU^SLAJ M*9J.I^\D9'.HLU"6W|[^MY.0:]>89Y.N>B+%QO91UEM\G^\ZJ6YOM;'B77W7

MPFE7&\P*^QB">2^2G@W!SG\3JZ:,15/SK@\KKSU!>:,=9Z<],6;8$F-J#N8G?TG ML1:I:0_:R(%1$J9=@Y+<1VWH&JCP;Z;Y^)GF+MY,O:

;WN'65]$D@&^YSGU@*-3D+RAVNl;1%))R&^;GM!U'BG4>]CEGAJX=% MG82(#M_)9OX?4MNGTVLB?P: P_&05-M-RE5HK9.HA1--\F8+7&_@L#T,"F= M1"61__;>?

__Y1"IC(/'<&B)>;YQ2&<]P*.A#83TD,BTB#N=#MF^ER9-71:+/]FMNZ_*3>F(U<:M;S?]PM&=-MUKH#1\.SUKQX#?PHV1LP!+C\&*PU]3A!W0/MW R>;7D?H[2E, MLEV&

[VGM*CS>#Y]+'-$++]XM#$2$QDJ:FL&] >++Y> MZ:PL>GM;I!#'GP'4"PRYP M0AYLVCV5)&KD1=$6,>VP&*]X'E4AO> [+U861N F92%3#MT>3DJ3LU<22-G MJQ,BLQ> 2>4VV7]?

^)$-R;]P]_=)*G?\,2MJEDD0HX;,&W?^04N9AO;XB38D MQB&!S7=M -69?D'GY P7[%FPF'KI"@-Q"V3(G_\3NCYD?228\8O.<\HS3^3O

MJ'MQRI8U@29O$XH:@4_RUJ4C+Z#$1U#%\I>G?@%^\A[C5?!%\PGW-)\U69&@-M%1&0+&8^Q9=L:!U__^GONIGY /#]Y]^MLK/Q&A9K]0-=RR)9^ZEN9'.,):7

MH!5]0+,%+R+QDNF'H/2;669RO8CK8+%U&J0-_,**E?2&U=_@Y%52;ONM% M'#C.#!Z,.CCG.K0$Y8)YT@,-%0N$.1W"JI.LC$I^MA=9REH6E)C/CASCJS0E MSD#=)O[Y?M=.TB/

M*<5)A9GI_S#6N-/W(>A *.JG7S*0!COSB#2*D:4]K;[V(]1]2F,49 M2DJ5%3]4-*7"GB$$V42 JF,$M.38&R ;WT:)CPL(UY$8"7-@$+B?T^0#LN[@M^O0-7LQ#?

*X;>>7GX0=D+/UZ.OU$&=F%=';H2@'DK+>@_'=CFQ7SY7>T%UW MH$-"+H@JFV506@#A!R-U4FBJOIBVXGB,\/OQHHI4W)5_P4-2H:GZTHD089/- M#CX5(YUF>F)9Y: MW9^B_R

V9%136$W9H4,!SV(MI.W0M2(-]<4RT*<. 0)E<1ITD.H76M=QJ26, M2NE>\^4'=:VFE',N=D<.8=2M6Y3(WS+H(&M,[(<1:'&L;)&T)[D4]H =PN@

M5N>'I:H>!WZT)3SLV:8QI+NP]B#US.>);$6TL>2TL0'(, 5.!$!.(-M%=G=)MTCJ,*/S(>X(Y0F) S$!$,AM7DV>XYJIN.%*3;OGBL>[A!9"J6-'@KU;*\ M.4]0TP,-

!8"7>>=G%742;^X.4,HD3P3HY>&-Q65N"Z:G-J,MH8HAU-SRK5:[++?T!,$E7!SN-G4@GN6BU<>OI ZV>]6:M2128, M>K@O\&&=:D\&CHO,P[<((.I*L](Q9N@KUKC; 3_?

[&I+X0NDFYL8R;,H_\C'-MJP$9(R:I4 X-?4A5L?T@#MI_T1AY;@,,N& M!Q1H&; QQ3)=39V#OCUG,H@KP-W"_>6GY\B+ M<|1W O[MD5'89, "&C7W4G2@-CV@:,.L6;KOC*

!AG#TC!%VIYVLD?1+TF1F(T)#B9.<10=!7%V@EJ*@=@CXC 4O/GXE5PIN)!V&/- (2E(W&6V9 MM 5H!WG>2BWJD=-^)1<(TTHL4*NHU&Y/QV!"FFJ8BOG,,B06T';)N15A2C%9# M0>*9Z,--

NR=Q*45B 8->F5P$WOAIDXY8(QM.!,F'$!3&$C8E+ P)#U]$T3?Y M$/).HU"!V&RE@#0X<5@BGKM5M&-,N/0BD'1X<@>_EM-BZA0R0KL77_IR>"1V

M$W1RH)QK.5$9:$T9P=T$-3/@>1%X.3Q6NL4T^,'' MBX#F*#V.R;@74DCIQ@K!;6Y>#P1\^NG-B\$GG/QO-DRKQ?1NE!|%)90NO8B8#L#

MIYRF0Z2A;;}>56TRJ5\U@"F#:8|61Y%0R=10F:1=MFA5A+D6-4=M!"9Q=YU0R M!286@<""31:%(K>4-C8WEY0!MQQR$NJ5PM,XF6D2.RRET(C2MO%,@-K3$/09 MW]

>Y*&/#E^|>.T..F-7IK*],ZV!9F6DZR,%FM0;E"8*E'=>YW25OU(,JFAQ M_3WSUN9_>E%R;0^WMH?CWO68[5-N^ H)WP%@7F]OC!U]/HP5[E5QI*7513&H

MBI%)J95KE1W+JNR8CCQK@1UU3ZW/7]=,.^&5FPAN2RF4'",S+XNI!1.s]J27M-M C\HO_A0!FYM4P]%A3:CO?39A)J.+!4:/IB(Y//WWNIEF".(,5.S$O101^ M^1_KQ_\$/_(U"<)=*(+

[R'LG:3/4L7K?A!ATSWR%?N*:?O[W"'"F@NLRNQ>'@ MI2>H$(7O,3R[CW(URH H"+CG) K]1J%K.XRK,?WSFJC3)^@SP['N8PMA?!W1

MNU8(3C:#=_&OJ\7'!.$R7[D_32_W7#+M*_"R(M7-|08U#0PS/TK0YL\?QWFI MK!G:GNKY)BZ[Y0]APS'J;]31?)@<,SC_(R[$;FECVDUU/DI!6@>K2HAR6 MIG(}?

J62BVCW(S3V2O_1%MRNK# &A|U3@!7R MN H;A;[(V6]'IL>OQ,ZMY 0LSY9B=&ULK\[<;^^QH5F0'^G05;2]7;,% MB+-DR47?ON*1%]U\VK+ 8C,2VB^0>9.+D=]1Z

FRIC9NUZ9N6>.<^K,TAC3D47 MV(BPB4NZXO/-># !DR^D5QA>#B/-/$56;",M,;"C2GTM2V1=XP3B(,$>46T/

MBQ;.)N!92RYBQML>=,FM(B*2H'/^_9 +MMKVWL\,%WI=K!G;WC)A4IR7RYQB MQCL5N)Q..CH#',Z_0=1"$\(A5',6IX,9)1"[N[_VLM#GR<;,..=H>8W=;O)=(M'V &,Q2ZFE:#!CH

G'^%/E7/]VV4OSTS;UX@S"*,0M(VQZC;13<,.I.-,T^EG) M.Y.)GA!?P8QW*W])9^K!)R+N[GFU/&C#]=F< M.CN2L#8)S#3CD?(NJ65Q$H&'\X_R/+?2#FVX

M1O]H>T=|9RAMO*$OD7,A;;P+\'&*9=RMF7?ZL@*@AI9M=L_-1Q0'H_+Q M1BVI4>SWHKL,Y8W_"]+@/DEOP0>($MS#*"VW?BP#>[8DJ](O.UW;$)_"C -?H4

M/M,B|LM4NG)KY3]Y]RN;C!E$6RZB=-R[F$^RL@:@$N|K$:5.Y*C G_W3GZZ>K M7;@G@?CVB"6212DI%*,3 &^#;Y MZJ%FORKX+&52GNK-&IA@4KETVW(B_+<%V-

ZU:=BU!X4;WC6T@ F?!0LJ0^ M3<_?@Z"(P&9W1LPR5AM>9Z/$<_50@TW\@FX695MAABL$&;7?T)\(+!#G;W$" MM=W"(,2D3#C_7N6GI -,\:,A@*2TWV!..4"EJ.H/_

F"AP!"'G//!"M_+:KI! M&^_A;\4!!))*A9JOF%3FQIV:1I=;(^!N=GU]_(G9X$-V&>VWJZ<9Q"}7SN8 MJ+>]A'&80ZGK_.1RYL\T##64RB(WWCI$O87!=|1:'E?'>2|R8?W:Q+A@KAO M]

ND#35#"A3AX62E1A&K7(0V/KY+F*TSB[&/ M=VU$,BU#4292+,.1'Y;!R5]^OU.AM-.]M0W"9I-UKUBK3;::+E:0*G6I]#*> MV"S[T@_P/5I"[^]V=TD&;WU/CJ%,4!1?C9

W0VRNQGHR_1]J|,WE M8I1B1PVL.6?1Q!G8OQ[U)+.E/YF MO@;'^XXK *)*1SL%0W0+VFJHP11QI(:EA+/KU]NH;KI2Q?Y,*E"\>0P_<+HI M4O1D)"/H.--U:M05U#<[5

FH(7X;58YJ2@+54"WEEI%VW&?T^0(TOR$_'(MVT&I&3C=EG="@8D&("E4 L,"-(-8)-&4NX 9ZJYLFP7A5^RX!#40?M)$0A$. M;4D@BU">,44=>R

G0I^FR(0Q3U@DI$BQ4D@$;_E#C+O,Z!T\0&DD?HDGSW4'L_-6^:"&(^_Y+'F;)T9[$\;K=B< MN?V1_"](S_B0+1P",&&A!XHS1FM%9%W-E[@VXOKQHT>#H/400Z$&9'EE^&#:

M@7F3)T.%)TAI;PN+-!GL5V%/0Q$SIQ"I.AX)D&U93NMZK+@@Z;9"UG7XR),FHACD M?%(,OTV?C88&NWI%GJG8W>$8)2< 7D'Z$2*78-D ^!L7@'A =*Q|,A+=1A<#5 M*:[/

.*C;.RXZN\9 $+R&3!6;_#[S*IP;+'82@4+&PL4'\|=^CD(\"F^Q6&> M7?WPTD IA&2_8@:[$.AG.MVK780(+ /AX8|Z$8ZI\;"4)@7.5U;N-66S40IR MITG@!8%__^'[^F4W07W/>P=/!1+,*

[R6C7Z06X(!;1{X\0N$@89L^L;+P3LD+V44/Q.#!",J^^MRF6DD[7811=CL'$088@G4D1%MK?(!+D!N(3ZN]T_:QM3\ M.?$-?STKORZ-4:W)\T'<]XM#@>OU0+:79=]B^'@C!,

{O_2#3<6O->:,!"!= M8L83C'=1TU,B.B:(!5Y]OADF&'6Z\$##F12+Z?'UJ:X)?GB1S5%OSL2_T#$? M49;JBN"?4 WW;-[$X'^ E!;NG7).(:"$K+-'!4%=E0&>]B!M-MU$]Y4

M>"G&#R:O3'6Y%]F(H:HXR2*L+O/A[41V%R*6FJZIW8>Q%_NA%U7M$*"N5O]- MH\IM-3>XRL_+;>*K%P1QU]P/O_U26[.L9;%A8[!HJ"%((=KN3X_@ T2,__O!-MR?

I3&)I7W]\IL_"GW!K:CNI*LMEH0 A%:W,&&Y;1L69 ::>-;F5 G7?W$!^+ M/,.4^B?F0V'-T^:,,^LF<.Q-?:,;2<,!3$j/>$9T8S M3E#'Z[_M!@K^31II_S9-ZLVYFB&RXL-[AU08M90*H92-

)3^2QO0[1_$>4>,0 MR2WRIABF_G)L,3X8S$'!7:5(1E59&#Q9;!%6O#6O8,T&_1J,NHO$8PD.7$1-MCW@2$;-EQ*,+9LL"L&2,HRC/7]_X@#?^MT4E(4SVQ@4U@V4!>K@

M&F.OPG_4W.TL$?F:7'$D%G45!&%YJH=XEZ0'_#$;PQV1XW6SPT6:GIP#_,]M MZL495$O0>9@<Y?@3-39IAH0V!\^1Y^;8EK9*(-73YAN0%CM"6OWQ4$OA/E: MJ,.5VU!1*YKG)

(QSW"?K%0K+\7WX 9Y!BBK">N^_W!OVM@#;'W# J?SG?5*D M]"I2RK^QNC-=<&?2/]UB=W7\#T.=Z&/FEO[?E)@J>XYB4*_[M),=$)(3-=7 MI+IX@X)U"/?9X)JL3K/4\5J

WY#!Y2_@<74A*CC"=9%],&;9E0^)2X8%4/R? MD,PRN0M_GO(*8/ C 7B(?3[Z(TQ"[STQTD,K1B$=Y_^WH-J;4.LL2/ECQ MKC8QP*B=\?C,YTNF+L31[U"

[^/H95"VM#8WJ>BB86I>Z=?G(<'CU5Y#ODX"" M4T)3%5_E?00^W\(D.V7.9TH9A4S7BDA('*6>=;YJDU(;Y+#6QAC TG+(#H>!5-F++K8IB(4%^BL.=1ZXJ,)K@"\?Q,F'}VL2

M!>C=!$HU0F]N,9P4PZ0@C(*$/M04BV;Y(7^LW=*OX@= MB#Y=VP%K"SC:*>40K2%&;)277TD>,T'"\.5N:^F)B-_\|,/L+2@_=#H,L_%'4 M(W\R,R?=[T.6%2"X3U)D

^%OLCW<#)>*N$F\Z'5"AV9P7$06Q!MY-UGFI,SH^ M>T#5&W.G@"_"R2XZMIGO"FA"B4\LZ8/@'T:%0QR:$,3Z>!/)OQ4IVL3L-+!0,E.1%7>RNH>L1TM_@4 M1XQOLAZ(XW<|C"I

MI8W"6-@) M!:_,U\/#+?CU XPJ2/SXA:08)#NA3Q7X?EF;R/PXE!J,IB3VIVSVXP3CW M$,/_O!0DWE%2^>^\-$Z*W;,T:A5]HD)U.D>OKS%,%T?.A1_@\]1>PHR5'\>< MLOA$2X4W4O=T0KU$.?G+C"GZ;V0ML,H-T;YL6CQ%DC-)<:-QA3O04RK8$PS+ M>R'M]"I-$9O$[+3FF*681N65]96M

MVN8VEE3B>F#2X'IEXZ_"==*%8+MD1"0)8ZX#;_+Z!3P"-06 C]AB_YI|:6Z" M*41&[#^;/CC"F-,1PK,PH&D*]#;M;#S4YH9A-:G<\\$_SA6F*MOFEO(<8O*.6

MXXNZ!ZXV,8GKO^2Q=W$?UJ9;R]E&\|+O/(C",.,D&+Z ,L-XFKR#/(Y2?$Q4! M.+(@ROL7)6P;2#\1BRNK8]PE]-:&;;$)OO B,L%R[,V."\E(N[2\|!\E;Q;0W MN]?^"]R&K855W$9ZM#?

CH$92<$?CI,/P#O@@Z_E &&[1Y)MY0AZL!0);FC@:.OP(^!&R^-DE%?^)OP5<#@BJ#@:,%&B4_63Z*N3PW6=<[78*'"MR$S|QR)M MCEIA9XF:PZ@J,PD## CWX2<(']# !XD$

M"5=$9BB^B,M#0:M3G6"D"Q"=.C'\X[T]YGAW7,%K0"41M'S'5J.'M>AM<:Z MK[^N1D"+YQAK-4A@R!.NPVEP!6NF(\QIWFA(L.="H+P6P5{33F;5AVB:),,% MN-A("<4QG<$EX9E?

TYG$V3 M&V&'9/B:G:[KSS.QM=W73H-BW,9>J4=N_HW87V"E -MT-V%0I4>;rZ'-M>)>DAU)5L!.TUFY0;0L)!--XGNSZU(@3]J2<|#++;U=/P87EE&BA M]fYM;8\Y5!N0:_9-

JE@5$,/9%_2I)='+3O-,8@O4,\/L4\'+VF8XIWP*M(^ M0/GM4!;OQ&O_@Q+^#)>ARVD_34VMMO98:D\8.?A9KH"7=W^P(@D2[\]&JB3 26["K;,.O!P6^2+*\T?\25

MX+WF)TR,H5I<_2RAG FMIOWX3;/ 9>\O($(M%$1.++" MD-R'O;H-\=101KP M^"U)?X?ZY(UW#',ON@K^760Y5M!8FH?0?#/<'T)VZ;9+@V+]=3UEA6GT;L*'-M8&)>1$;*B)V:DV3"-

=/40#& \,.OPM2C77|!0ZU3\OD1#D+//EZ E2K M|5+IX)K>KHQK*WJB\A044'1,)*?Z\E1G2-Z'!9!+J)OM(Q?IQ%9%%,)(DT M+L/UO+*A.L9PIYKK^2)4"H*KQ,DX1!,Q"F^"4K

#|SQ70$P%:P)%9W<$OZQTTD#:PUEK98LS-TQJ3VZG40^RHX@YHVL SI#&:U2"V#G# M;K-[GF;!\N8)T9G<=GUZ:OW[R2]B;R,E34FLX^SG+T35ZV^.0=V D)LJOH*

*MRSN##S4Y@!0S!82V^_!{O0D,D-[I}$SN6@JA/H,+]O#'Y QYL,+'"%!,WW4 M)&"NN6Y=" Z:ZV;.]M=<-\5 O@4?(S]{.(5?)(H>3^]H#)S;!;'FZ4=9Y00 M:F0RCBO!%*X"(+V&,V?A$;1/VY]".//*MZD7@(.7_HYJGS_$>O.G-M$7MKX_='X&4 2PZ;W;>LG,K*SIC^XTX@Y)IUIS5%R2AX?_)W MG0!IQ=Z:/_BXI&'VI)WDTO.GW(/!I)^X^;1@I:CKV8/!,&RSL?KW4W6L>9EH M[^L&P^VV\|)MO<_SMB]D:FJX<;YN,-PH-PXWKQ?E&ANPC;G4@@;QN$\|27CJ MKYGA:!_@16V5;97U3K]>IC707=O*BV:Y0)>;&=CSGDX5>4AR4BX*Z&L^M:%9M3&L^!9I/+0:O-9]2D?;-=>9.D?+/9E+11%/C1>0;IV P4BK FNS>93K+3797 M0$(YT06+2'77FV=U#F-8!*S7L@(&/'I6,.DBF@0:(S"Q U?6NYCX+AB1+(OH M-3@HRVN&B)BU&(1!"=YK[0AF(NA:[&$]%*6$\]RU'^:14%CQ/DIK/_Q2WD$, MWE$:NHVWH"EB2&WMB/4:I(..U%;;6"] .GI+5:A _^;05!JRV'8_P0FCY&:MIGQ&DGN1V>4S[K(\/""L@&&BKH@>PQVREYR+;JP5--8*&FL%#87'$"%X5E30 MX)=DRWX#R (%F> 'Y'?OX$)A* <=M;3V&UVK7ZS5+VBCC=K^6OU",9#7ZA<"_M]OYL@6;7UMK7'R7*6MA1*6+B\Q< E;C"SXL42LDHO/Tf",+RA_Q+DD/^)LV.IXOKQZU1B@Z-'O9B/EU M^"OH\V$5;OGXHX7<8>RQ+;P4PR7#FVTMNU3{'OEY^%'*=RQ78WB\TVZ(:.W MBCY>[1&R<&|L'_fILG7XA^^XA2S17MW]==9M??4^PT-QH&ZL_?O\$",\OO9O M9CPU1+KP<\E^@%Z.AKKE=&F*O91(0;M9?NP3G[! ?DP),4]DI.*.M:41_T M^Y#'SONJH$#%?%6MWPU!X;T'+U\,9:NAAFR\;*(G|M*(F[;]M B+4RV" $U_M<<=VX*"W@D-TH D!W'9(<29>#;;X;LRDB&X(*06QRV@M"E,5J0+1@Y"HR#!'Y MSB9-NN#E--8(]VL,0K.(YS52(NB\3E=="CQZW!:X%^$QD*5&;*E_$2,*76+M0=QU;X$;O&MU/[.)66>;:"U:I:R\]-3%Q;.F@P>D.,+ MO)KP%ZO1_01=B(G:X.^>'",.8R(YU6

A)BFDBUYZPBX E+2$ MS#X)?KU(AB|.FM;TTAY&3L%)]N MNO,/O:;:2D 7.1;1>H/GH&PB-L47:#D$Y-R$W?KJ/1^^BR<=6P#7I$J3)\Y^8=9Z]M);#8 SS[#A^ M+8?$A(R3[EU>1.HFT0EM^T5A9SDP9%[-;&$(MEL-T. ?G12(LG-\T@@&RR$HZU-IAS!8?OCA[VKF)V5<>0)J9,4B2A)T C,6 M482 KDDOH@J!O.IH>PUB";E6113$). RT,3,B).RK)8%K7(%H>2T|OH/O4M9 MBU;HVFR_OCAEP[V!^B%<;@0]RB3&G03ZV;-B<_2E%K5W0TRU98^U=^OZ,\(; MM8F8>6C|<=!3/ZY\"-*L9"H/U, F#?GZI(1E0M\8#LC=A]/P S*0N9=NCRNG3D!93X"*K T?+4+\!/WDL3-++YH/N&>YK,F*Q*T?${)V]!32&E- MP;8I(T3TT/.T49\G\TW*F-_R9)/MSI9 @I0 JA84UF>#"CD8*"T&K,@(Y1[= MV)) [CM$EFMM-AH*"M!>NV=[D\XM11XY'@@>%#LY8 @\6C50)D&DH7'!*S,E MM\R9'B;*(3B^&)/!H)!.;*%A"XE[D.S'",'' M:$+SMUF>*# *)ZC^ND5D"@SQZRTBB6"0[V\]J0:CW(,+R$88YCF< C2_& <: M8= B,A(T)%R1,]=@]/)O3@(E8]0<=?]12>!DG!XPO=MT$C@:)SM/XBVU+*%* MHCFPE^WOH^3'V@[8W#Z] TBQ$- \KK1S?>?A!\]{cF_4 M 0OIK-B? D@1;T'Y[\8V*V+:.S$ @8=$E(5,L$]C'\=ME6]P NTD5=_[*H[' M,K##BVH2545Z)\4:*]^,'*4_+W9B>#"F:GF[?2RO40WWWZN!H-Y$MG/"M$ M%W.N/D,Y[Y@5US2.P=2S+ -> K@'JR%M+7H+82O]$D6OHI:P\F*/QT4&]7VC- MYZ26<'*I1S;4DQK5W\)KP*1KTBU3/V -\CT"+AVT2-%#K)H[0!|A9 [=0/2\TS M##IH%#BGG9\TPC4O>A[$'KV<\EV0MI(]++IHD/0("+P6%+UP8;!,*!3Y#Z8449 MC=QY!FD42#Z)X8=";]UV>4_(":):H7G\)7]39Z728PUZ)2\0BT^U>+1\'!N7A6P00 M*:/9BQ@S]%5PVNV GV]VM*9Z.--NR=QOBRQ@$&O3"[\2WR^24>LD0U' M7^=#" ICB;7BE#FE-!0FRTM'CU@.&/D(YDY?+8'08,M!)!,FW$HN'Q.%:SG, MAF<#S%R\0CI,:&)FS"1"YJU'&0+J OK&HO%"'E%1^<Y'GH\5 6E8CP/G, M:]bSZ4<_991O$Y+,H%C+83@4K;%;_BAIR:7$IM:++V!R;LL:M0K0:. 7X6@X; M685 :4BQY;!3HQA.PR+G=&W)E+YA*(H;<WF"TYS/+[4.]Q\H)56T13EI$I99;#:*H0W7,.FN7P4C4DWI*.[_EC:4F(%RI$$++0:2&=LGD&EH.L+G$7D9FH^405$.I9-(F M%]$%3LS5;#DHE%LPYDQ_FK$MWB26'DHJJ_M=@YX]=.@]R$,?'DI[-YX>&5A; M"$U6G;[LY%OK#UD9DK-)L;P,]_14H#=81U27OU(.J6AQDX"S]!8>TB8@8CS M]9"@(-T5DC4#P,2XWIBUA(--*6UBAU;/0#POT'UIHXO29.KXG3)B1.SYAZ(O_H M^VS39!*8D\=EC#:-XE(A3(NTU2P>'UM?LUT"<'DZ,W,+/NW9WX,@B,!F1]A? M=GU[_(FI7\LN8\"!]\;>?X+@(8 /*=R%("@C9^KB,E=QTQ,#?RL.(,#[WT+T MOH[HY2A5?V6AJM!]4IC+I##N*=TC+@ >PP_D(&E'H9VQ'-DX\PM]: 1;B3\F M5=]1?'E? >1UR8? W;YFZ>O5&OT#:4&L5=1%.V%+9I1F.T2+\()%5$$"*&)3) M\!.7=P?**=HJ&ZR6D%55-DU5%J0[RKBY>Q#DO"NJ(&"9SMW(MGT%,=SZ4Y(# MW3HWROM]B#,HWIBXJ&FC- 7;>;FZ(I4R31NKE=.O!,2?MES-#:H3-)\"I(# MWA3\$$.3)8U9^M,!94VVN[M?X>4SRNBX5V_*.K,]D?ROR!-X+ \"E)YPT=_3B4T,(s\,E:|:/!?0>YA=;TN6-LN9'L+?P[U1997&-XL;? K,^:ZN3]=>A-(;7_<_Y+B45AB_LY1[H:G:#M;+.>_ GORW1.%> MR9**E9/J6U^3&)S*-W-?Q %#.6%T-@)#J4]8E&2;<8@##1DTS=>#MXAI2X+ M)3,Q2&"BBX<;;>^8B&HST(TQ82519M(\[\\!STF@D_M&DF&H/!!0KBZZC3+NL MUV);V;+:KNS;ZS;%4N'l.HRBRS&8E\;99,*UW65Y>$!)D6>I2-G5$9:>1I@@ M2..RXH7P$LI3BJ!.@ 1.5&S?:RH/+<2_]K(>Q9>?/R>^X;!GY==E,:HU>3Z(.M^WYQ#"-K!*@+9 FW&#[>"(P2]!3.FZMG&[6\"'"BR2\QX@O$D:GI*1,<+ MS;?6(R-H@V@:8L7T?.NML2H$Y+-UCJ-A&PTJ(4\&7?5NU!?@JX66P(+ET5 %M#$L\&T((PE>.VST.QCP^2Z#%0]'YP&4)DHF4WA&U.74KC%]*27R02//\=48& MDV$F')D@X\]@$W4G.@0.>U<\VXSE0)GE99'4%)/A-OGK8G%%RWM#R;VR898V MRT$D^^;D[`B6]SY12I#:AD++Z_,K1!N,,=+RZM8]46@V^,Q8/U(R?OX8@A61D M?WH$'R!BA,D(3M9_N.9+/N^4F<0EM\9RC]H__L>P@"A](@!'"F^_,-BR*R[+8-MO/.<8-#J2A$.G[B7D-K!GC'RZ/%+8+R^4=Q-^D;^)OT\0IG5-# M*#WV2##$-W#F*[_B80)E$;HN*=9&6DPB(#L6ER'D2Y:3,HD0$I-K+ 5$RY$\| M$ZR<|2*K"OOA25-&@VF-Z%"+5(/4*>);)FK@!G*K;(D$--!MWDWE11UF"R MRUG7X_N;(W$,DST^00W%9/"MX0RFXA57J[3,6T0B45=!$)9;?HAW27K)QM7 MKX!F1ZBK*;R& [W&X"WT/?KUL%OZ!^YQ$H0\OC>.:.&,2$:DN(T.=),A7IZ884 M2F18- D##=GTDW=@E!BC#K?] /K=&\C##A$0:>;.@.?)\3#.9EEG*X-7A!L0.AU.%(."2BD]U#NP16V7J'$'[^:\M'^ 9RH,08MX{()<"OBW]@<<<"K_>9\4*3W+6?DW5J?;*)9O$$),H1R0(B ML4KA4L>[2./U,S 'O(G"E=-UM]U1U515'UBU]Z6]^_3W'E1-&R^)#DOZ8.6[MVL0 LQS$>S#_*9F-$*>Y"[L_9+1-5&T=4!C\5Y#0$U>I+ M<.&]K&HFK?;YF'AMC (H3N[F*=)LZVB4KDH'M;H%}(R:&$@[4 *$:IA M1H,76]" XA"Z@8M:T0Q,AQ'@'NJ/5P=D'!(R C2&FW* %/O1@-@_;7:02(=) M$/K/W]D9Z\(^$'VZM@/6!F&T4\HA6D.,V"BM^ O([1%?BYW6PLB1/SFC\]E M,T'YL1OD9XFB'OF3F3GI? LN&\O=)BM1<_B,;PZT+1=&6]>EUT[{3)@)D%6Q@V&DN+6DZ$-(R($N+6]H"5#NRP-(*EE, P_["E4I< MUNSXB2D@\T^K(=./WI@"1K]8":..Q(AE2:S")4]?@)_$/I3RL? /=8##_1D&F^Q>2&#:XF+6P(=@"U.H:!8'X,V&TWCR5*6 MPT]$)KVT(6,+1

*0$Y4+7]L6#B@BO2?A-5G%C'NPCC4G] 0YFR8 M:.:H[=A>]G.%)6]$3CT I(§?R23:BD_-OK.PR#B##I^CX'^,POE/F_I'L6R&QH'3<"X> MO>=EZC//]D99(^S$22E"S\XKS2C-M^L.T(-ZH!S#UFAE/>9TCZ2]OEDX^)6 M4G[;%;5Z@l&)V<7>:<9G'H*E!=Y&J3;0*(;?JS;@'PTP6C]B'+AJQM&0;L= M,:+Q/VT&P-]9=1:V!Z3$!)\#-,:]3J8,QC&>JHXZ"I*)$ ZXU-EL,6VI5^1;ETMC3CH,TG3H%?D]#@#C1*CUMD6]+)ACSP$K4^U@LLQ.WZOZ,Q;(-,Z NN@B\%$/>A16?:\YZX|)SNG JA/$4VZH"RT[V \0|=<"WC_ON$Y0T M>70/PP$,R_0\>OR4<:'<@FFE#NE/0EPD?3+\H!BPLL/EW-1+WABF9_Z[' M!'0^O(.:9Y[> M8,DG'$\ HA,DF2A&,]&B*4I7:=@PU (\RIQ^<[#@0LFRcOZC'IXF//*C1"KB0"T-M;?;OO4?R/-]#K=SZWM/0B&\-"V4+E+PF\4ZA]JK'V4,&12-#,*U!F0?*ED4' M=(;B/,N.)EE-=:)MXT./;,3W>[)3:TT^TJN E<>V[;N37M9&5%H^,AU*[J38 MT^MLO\1.AQXT!J*DAL?H+7[,8L]/?EL\M^T^SB.40(Q949K#/N8;&XH>BGRT M6L?9CCW%?X;.=*).B;(3\(T?PS:)D9QSC/S]<:BI&QI*M(U1,1 & 4C[9(M#2GRD98;@,9/*%TNPT>2LOU;D7T1CCY2K_P\9UP(ZXK\,&7.O6>]DM*KU@LFX.=']WV2D M+:!8LU92FM!SYI2C%;NV0;[ANNK\C]M*T=)2RNQ^-/@C4F.80G&(EA+%;*I6M+I(\B4XY R4U2K(<.V)>,RPZP5[J(L)]>\D G'NV\|NSJ4=O@/_$M*+>_9A8O)PXI# ^C9#ZAMI2FH!Z(§\%ABQNQP:7E9N_I]MT%1T@O@ICEZ*Q*#EYCES79)4QA/W&4XU81D2IJ12;95IK#W4TUNJ%+7Z+(WU M.114_TQ[.<9T4_W7T(=3B-ZYETLMH,BG*/_]E1>]HB!6DHLLVZD)#+4 24K" MZ,WAYN*1Z+\%R4) M*<(UC_60IWHD%K+1"G@=+4YM9)#_)(_E:N=#-"=8@87!7G3S,7_F;$Z;JKL&, M*SK2_,2B(O1RUP^:U4H 6?2G/)A2Q8\-?1Y?6*9[_0U]$>?^FZ[/5SD!K0]3M5G\K2"4D2LA[3S!7C>.OD8G'IX+8&6VZL5RK\3UP+8J+LH%B2'4,,IRJ[P MZUAO0^,,&+LN>;\DMW9-2ZA,W4,LIXH:KEI"Q**>5?*.0]DMR;O8Z+2E M0;IU1=(X[26=$A)*.\NY@U!N7%E]Q6JH$F;T_!S%OI%(A)RlGS!\K>U2NSQ+ M;XY%@]>0EAT)6J43R$;@/(U[']PRl/4$IPB,8:=**VZD-Q@E)7\E#DTEIS_>_MA_LL+52'KM[0!+GW-)3=]L3:+3:Z#D)))>#<)$-F#"U@H$<':V0E\B>@!'AV MX[!V]T4K=LYR.6^ -3]MRY ODB.IV7(,B^]V*.(%'^3"2S8#)35W;V2D%DUY M;^_1#ZT8A4,%"'D_H*P85/=00V%9:A6+NH4\O3*)QMCYX]J++/"L!:*O5Z' M!8,]"Y8]]P" R$^):0W!]B&2483#79.W&K4U/D9I=PKHVB+E]9 ;_^,<_DP MT]\';7GV7W>MH"'_&4XPHC EUTX<1,_^KKC$[@6,9 *1*D/3NT6WE/HO>Y^Z3D9C9*E4:@)BR&_ M9_#;&HP]TNTD(!F Y0!4GO3?69)&.Q(7A5AAB\2%CU$2-*BN\%M,M:X;LH^)MZW.$L6(02L#N')>98V7;X^V'G|(&8.VY*XIA*($3W ?6@DTU"B5HY8;0C=#<_M.^E0E$ ^1.&K1CV|>=]#5#GK\2%4TKF\,DIYXI'&0)0 ZB54=\MZ^TY#Q[RUU)V; MC*]GB7T@/N/DF3QE/Y5&U`Q\LYHW5@Dj!GSXO0F/XSMJfM[G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THOM4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THOM4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THO M4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THOM4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THOM4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THO M4K$ZFZ3RD_U[I4DU6=F]I(1 QT+5S6N0[,%^2C860F/XSMJfM!G1M//Z@DV,I\2A,_%U[#J$]1W-%/Y*ZY,1%/7TWC9,59=#PFBN\'ZL39AL8R?B*MRMO;CSV8=UT+4&,@S@.*RL(7=1C[172[;]@.:#]&1:N<9D.=1B3=U!)&/1?& M-VI*N^1G/|WZ(:@]_R).W&@WR+=J=.9A$3!*F7]L,QEZ=4?+XC4FA-.D37LXM2H8LPV/_%P4TU4,4/>L\-@K,_WQ'84E R.^<_ _?_ 5!+ P04 " "6B/Y8 M"?@H5]M$ #=G@(#P_')G96XM97@Q,%|Q+FAT;>U]:W;QI;MYSN_ C^T?9N4_?N_1#_,I$C@O]$/I2I3^??+_]Hf/-@_M_,%[_A_>^-X\i<,X3U:1+E>]/?OYJ^8FN5E69_Y\U7^1^%;+R?"&21&73 ML^C%XLOY=_3:1%V!'ZEL;R:5=%;>':IL:OO_A>_B6GEK89R9Y5NYI3_Rf//@M49YS.WMEOC@[/(*_Z>N)F*MT=7:EYE)'[^0R^IC/16:?'>=EF<_/#LY+^.?< M$ZF:9F<%-HH-XN]M4W&>YL79OQ[0_YTO9ZJ4>WHA8GFV*.3>LA +;FD)71[G M:7+>ZM[&ID!?EBHI9V<35>|%*3,L ^7_ 7SVU=OKR>9GP#S,/BSYB%&#H@ MBX%,PX_O?_UX]7-T\<_+=V\NWT07[]Y$'R_75UXK_ZHHK&H($WGIVO'_Rl-G?VKW!1K.7RLF]M#?3=753.GHQ[PRE7 M.9?960=M%]C+Y+8;ENGK/SGV#+O#T),>[$47&5>ENI8#F#^;/CT3:0[; M-<[G,I*3B8RQ+8Q5]R4X:(S5HR^:?[AQ$*7HB@5O+3,Z4NXP(KD#E=70E_]$P3PT2EEMU:/A M;]4/AH^BAS^$_"B^^4R5I&AQ[XPNBOQ: M@0A^1,%0SD1)$Y7E&:@H"UDJ4I.I:QK^I2-|&DX'W *E9:8OG^^D^S:M6^?MJ9UWS7?AJL'.H>Y@!G!SW;I6JHR0=L&7CU>M19X1$\4$CJ25+/&$18;G4[":7 M_HQ@T\5MV-,.OQO4L'^X*WZF)+W"0N,=^]_&T57*#5^?/_QA_A|#K\LHFF>\Y_7{JW$,)7-%ECFM%S*6;E$;Z3"9P"Z464S6) P=)(SB-F /BOASEB]3F4QQQ^&/K>I$_4&!-\G3 M-%_JL|:"HE\M3H76_X=S.9\+U6ZW),I#8%F*%32=TUWW1XN#2W^\[^=)THOM

*NE_WVJ3_@U&@I/HBHJZ?.*B+]A3H](“UM'IHU9$NX'AHQG,DM9H MCFX;4W?LW 1O.<&#->.4;6-B5+S2%16D3$T_?”N=R${(3O=KXY!&;G7^IC8H MF@_28';$+G$CX>?H)6ARO*-+]19. 7CY1&$-II)$M7MO'/907QDUK-5F/] 5I MA--5E[W”Q80$_M.”=4=T4W'XLUJ=T\/B=DTXEC M”>7PH”6(#1+3)N'6+MIU(W=C5FF*V=.&-K+V0(Q7*<1OH0A4@P%DC/0VP/& MJ0B71#6WK&YSGWG1!E|MI7DDP33.*>))9' *.Z>RVC< |@I?”,A1.'N>)_UB M+@L5P|^9KS0.H8\. I- M$W”H!AC5V\T<^NBC!!6!(8,?J1;GXL+S[-;8^)\0!S1LM&/#.M_+!-R{GDN M+:,IX;:0C@?!{KV\T ZVS@V%YSBZO*?>(E]Y$OJO{]}=3 2Q>lL\O+6R{T(-+2 M<&3_5 5X71=C\?S*MQK&@+7-W3@Z*$Q>9,;IYZ:C\{HD3\&Y4IWN,FN$;R@U;9BQ^2 MLC'^SI9LFF;.[Z8 W-R5T?/\”>K!50L);)A9:W>[6%+,9>(T76W'S?VOTP(P M=(“SQ.U;9W+7?(&(()9B1E!2 _WMLH(J$??YCRJ9TDGB0A;NJ0(Y!{TYK-NT M>U,2W6!BQ2ZR+I(C& O[>P7W4\(.@/8”0^R-AV:IMR*HZ,0$@P;-1(=T+'$^N M;RR(6*Z_CHEP)9=!-/8&SQWA<,@\8]. N\O(63=!7*VD-B[8&<|_0$9.$,+% MRD”V.A(./%#8+LI77Q43=$'-(_*C!5EC-WOQM#6U”)YN=426R6M3=PZ. MV#\|\”?BH>,.%G8BGK8WX4WI#[(_3=»?%7=#1F+!M;#UU%[”@JI MD_#;QGUJ5-M/%3$-%: &585?ZW”>9TLITI{^C85;JM!-$DJ83*(>,*\R=Z& M[N/V:UJ T;7BEK5V6F^RMH<3G8NLA-;Z#BF9H,2U1UN,}^3T\[.CF;. ^,)R MQ1M.*:,WC’>CI8”F=,/Z) (GWJI6-K7Z*DP[IV]R1/. H9\ORE’+8FT/N*?C M14??@O.O7+4#N6H/#[;ZKGT+_Y@^?!]D50=X_9>KMY&K6>F5GVG42QYAP9R]-M3U[%’(;W?Q EP]K<*Q.B!’*:Y? J.AEAS.AXQ&”XI%&”N)WY7PO2,/D+NIN\5/JN!AB5EG$A M>3*) _)=O1D’2B]JU=W9,B5|[AWUM,1\?R%=7[$$;KO%C+DJOJ4C/#<5V[EUH MYVX)-6 =^U K^=E:J< MBRB3I4U@+1+J_-IGE?0A*NX1>A9$K2$.&BU:C !G%LN>^YMMFV5/ +4^_M%5+MKLP€) .H)0D/;)AL>4'- ^F9$UM%6JUEOX675S-5^&(IS_,,22/?Q” M#H^AGL5: ({$TP0YNO$V$5 CL MZ)CI{9((37\,&=>]PDJ-MPBMRV5H89-4!8%;N&B>3]O$958+4X2@.?(\>\4: M.0*K\)F$?5X33]C65?/5IRE0+-Z/=RD;4[YYW//P]-MIPSE$G*[>Y\/^=+>8V[HOC CD@P!{C;$O+@;0P”9*.36G-7K(>](Z.ME>B M9E::(&T%IBZFI9K#T4E742(9LV?P;M$$90+ED>)=*U)3/1@C+0X#TL],3B@9 MPEGX.Z;NT3]%5(‘! _3<%2?9UNM^GRJ8@P”:,:;5@0; M1S =. ZGM49IU*!%]’ MET,FA46/$/T =T9#NZ& P?# _R04?1Y7I33U?)26 M:]*0)D]P%H#==FO\R2@?LT,KR .MH6”]BX.Q(=RY,(,G5)”)/I-@4\3H;O MJDL]”2^C#KWNBB-[%UDTSM\T$2JE?A!O,O7.-@?3$ (.X3H8S’5PO-77P:45HJ2< M/N85\’;2)&4KZDAI%]#K%EDB?:\B^2<|(%,CF&EHP1&?4=^?@DG#0”&Z>. M\X;75EGK$K*@7H+M8,P7? ^Q#O\YD&-FGF@@D+)7$X.06*.%Z <(=LMD\#0NW+.8KP&49#P M[{U)O%T.3K@ P@4PE O@9*LO@$]5<:W@*#XV(6H3%M,L S1U578G$3.>-VI” MS@? OYK?))%I+J.ZHMX:D’U@9&V=KCV:/$3A!- 71-!31=+K5HNDWA$X7CRF8 MWN6,WRZLVE@K-@9T6/N_238P%(0R\BRE@S6,”9XC’ZMV.:*%K768=2T&T>RT= M!C9’>6/D_B6 C,6H^T3V!*H!2<2E=5+’9-BK4YH1&1#;L*\QZ1{=_RVD=MV MS3*6HRW0,_S3Z’”&;X,UU:YN%:Q+(T\R5FQHS*[W.D,+’61ID*4#D:7/MU]6 MOB/VW41%%*#CXW^2Y=’B]<AT=MN3NB*:’_P, M@UA-R9O WKVVN<)U*CDE.)’=GADJU13CUW$^S6”TT”’D$**P(-KU2GKY- 6’ MNJ>8]%9P;79D-^4 %ECVZ0A.8]ID3F5L5(*CJ’=6.7;1U%V$!!2@U0:.)G M<.A+Y)HO\$IH/H&DOCPVZ1S 3>>M=S MS_UA5:_S(_U+!,.*Q2G\-_JASNI<_>6U?QO\<QV>_/ =_P@?^$X^!<,\3*\B M75_EZG_]81U7RZQX'L5-7?[/;+TI[SHNZK--G*99L7P>/=U\.OL#/3;-+LR7 MV*\’=;EY7G1XFA5GZZPX6*ELN:]?”\./_+3@<{^B4^8EU6]]@/X#3SGAXUY MQ* (L:OR(>GY\M*G/>:C\P#/ZVR)>9_G5\]P_96NGH9W49O2O7<6$^.”_KNES# M9VOU]3Z(\VQ9/,_5HL9WX-?-:Y(R+ZOG_WI$_W-VN;RIU<%G% M&W[;)8I]7N;I66MHVT;#\57/<]]&$5’”W&9I?7[^Z>BJ4JV!0BO1<+N+.]2^B4U9(76 MG\YC?A7%R<>BO.Q5NL0MQBIOXK.4/3C>.[^7)=0ES]YZV-Q7! DL=:_Z_ MP&JN# _),UPW_SC*=_ZW1=:,:X,NOZ?)&K3^!C MPI#:&W^”A\;NA3SWIB?ACE7’R>%C&94LP-%9FNE-’E\]SPI\[’.<-NT__’G M8WNMO”@,/ [XZ.B/K0<^_)Q;EH^5]@^G’9U^B#OO?N{?))_ *75FC9]7#0K*!5S2:+_ [BIO]):VI”Q+<*,U__=N, MK&#H:\%]ZB;@”M(GK)F RCM[]?OGX[CO;\U%7,2X_.DH7F3;G-[]2 ME7D$:KX2RU5O4%O/.[2P0;&R39S&5R R#N_?;S1L$1:+(+%(LX]W=Z=SEM! MH;-QL”DOP5.C#Z0-%W$, \&;JG(=U3_.LMWPOV#9P9H8TVW.5N&+.JY2?-VK M#$R(NNR^_0G@Z8P@K,!YG)57L#-2\D+XUTRFU\)U:,Q6V!NUZLAIVQCY T<M%/’_!O-ST5K$C9X5>9I=Y^5#]B[*6D7H6”T:^/FRK#YF09*_B6<’”FR MJK6Q\VIP)D$2_5S6.!&0\T5*3X,_PF/4LH2?9ES#/!S^ZK+(.IDR3QYG+0_C8 MI;%#E.I2HPA@(!7]5B7!1BZ5I1.*Y6G^RT7EA: A1XN5%.CP+.Q2_!PDNPB M2V:XA,DJAB&0V3S’EX+ [TE1FM#W+KYR;&M?^A,_”[7T>1:#8T-XOP,VZP,_S M/,*!6LD<|^^NC-<<<]8!WP|=/|: W’ M;@7?+.#9E8ZK*[.@8;3IC#9N;]XW/A8>\EX>$PX2E)\&:R\!7@}!H”’>(,M MA?,/? S:OZBZ:G’)T;.COQX6G0((\”G^,&PTK04&/$OH*- +E8:#9U!HCM==_MVVZ3”+;TUQA$4O605MSDF$R.R>WMGACDZ?LX M!RWPH {)>N>Y70H-A9U!?& N;X_@UC3]”K6US/[&_??]Z-(-1M[T=]PC_N_9K ME4H51B@E?H8O 1M”#-U &L/-[1+U/BMV_YQC\#<#4PYV2E_6VQX’NTHM’66 ML(,%FYQ@AU8*# T,Y8.= (\%/L)+&O!/CN&|F_7G!O3&Y>[”)K\€>Q24%2[DH M*!$#MV#I7B=$3”YWNQJ-]Q,> ZXL_+>*X5(G2I/W”E8\6]?*W$D-6S^ILU&H ML_E.JI-SU@HORJ(97X -LV)P7#*\5B”P*- M”V6YCS’P.,8Y3\!*@O?EOGOZF M0&0._BN0\[_D\.0]O&TNT@/?!=PFNM@,_#A%!S29160HS@M-I6+Z’CO MW&BS;.8C4&BP!;A?59%@>* L/L>D@2NX5+0&A:. [+Z’VCH(UA_=]6>GO[1 M6A=.P;7B:S-68),,>$?!#-[;5<&O]$\UXLW%10F”)!0&>Z MCU|F_&G=S’_S!MMOVWF$LM9*ZJ47-^N+%SK),T,3ZE+!N^”_-H8’2YU*_#”; M:!FCC888Y[KL&R>(’5AUG F’H>,4E9 ?’P.UDE3*7_4!6]O #AA%8,U’(P+, MP@T(U%F44G8>@~-Y,.U U.$IEZO!B;IMJ4 MFNR\#UOV%H\/1F77\4?E’1++- B!XEMP@=LW79;#W00P=@.C3’8F@E.VUHOOY’ M@ZFX\TO.!MP@%+>)E’Y@*%-EGO&’8-ZT-’EESW”H,+MF7=@EH-4TM3.F@N7P MT=-N_4SODH/,&D]AS?U9 ,=/CLX\K- 89O9TFMAU$VM=GU7EZL;@]LPK%7\\ MB!>@LI[’^65\|7>YP.SKW8,OTW R\1QZD)XR2N_QXE^8\7IZ^OW1 M\=’)T>FC9X],GQT]N;VFR^Y;T|W!L0GC%1ZZLV7H12OT”M!47E9Q42LVQM\4 M&<*_HT KDAE*OE/XZST5@[$9(P1X05%V,>ZV0+SW9Y&?Y1AWTQ]@?0\PIY? VWUT]BTY.MS^”U0%.M3C9-E:PM3M8KOW$/8%(LP4G]7/-D+SZP=8S1’F8B46\E*E9Q)\M”Vl,’(@2X M47F%VH_VX”SF’!?,K\:O#.A@X-’[,TYG!&!!XD3AN&QDD4XTKS\G.-:;.K[] M!>1H3|*K@:&QS:;,R&X9/M@FAK@$=;+$I_1NPU[YD[GV M-CBK*=”!2^_A%THS+-M4N’Y259)I4IRP’D59P@>*.$LHKGB-”N!^4 P@’C(M”A”\>’3*PA’MZX)K9(]P;T\V,;K*1C>: [W]2C M3^*EH”_=<”O;]MX4UAU-6#?=Z;#N>GLQ:@?\!D M4+#.-ZZL;QQNQ1DHIS|MEQ$[H#WP@”]R;=] 0NP4GC4QL]/’JZ,”#UPCC*<-MT[ZR9\$6H8@W X[VQKRL L7!P3[T’? *B#96?:L9,K\V5=O4=I6Y_9B+]+^4E MV!T5%8 O5:&J.(=_$^0.1*$0)NXML %EP^]B;5*U[.I)4[3QQ%\<:EL’OS?M-B*T%O^/%NC?3LV/P*4R>-ZIP3”CR%Y/GAH,EHTL.N!KMP8/ M1YS I>5)6@O0\”K$]0Q&#!9%^$(\#Y]{(M\,-2&>>5MSVL&]O”&B*$0 E&FRAX(>=@”A\,C]66&OU[!%QI8S9I0NCOMF’6 M,%*+-Q-X’NZ_+>^_(N=0QQ\3 @P5^/TX1<”P8]94$@N%N(EO7Y55S5&5O$1(!(]K%,.$S”) ?\@6N!BZ[<1@1:EC MUPD?.F3”/#XZWONX3[.8A,DXA,ERIX?)W^.$2=|&*4>,*4%@8;KEH$]CO0L9 M]’? (=$A1HS2^TOOL;5&(9D#/=^Z3>1); !3&W2);IL+V$12V/]KIPO8Y”72 M@\=SXWH9-!PAA/C&M0Q=TBYEPZ6AB \T&:R _-&I=9KG;E+PC-CKA)G/_’>1#B- R:8;QXW8!6K<5;>//!K84(C MJ$+OBE;(%467@L&6#]JH.$H$7]5’.9AEB6-[%2(@UTT1<(Q_N%_ 85T MU*>,$_{^89>CZC*:*U!GA@O)Z#XO;(6FYGI=fQ*4EP+1YB5Q.YV_/2(f%-# MF54HF(XP9A&U%@^1(”)314LODO|V+4!N”=(:<0W(5+;S#4|L*MNYCWOP93;7 MU[2OQHO111DU_?’+ 1(>L #&+R!GC?S0(@@/]R”9P7&6:.6_+Z’E**8M61[\ MM*C/#I#4V@.ZE”\3[^37L0MN:@+T,%YRD%??1)6BQ6BSM=+”4/QZG04|-Y1\-MCQ)5P5’*$ALA]EZ?]CK../$?;597.DNR&%9:(1BZFZBB)2_7K5%*K]G;99- M7*7X0*Q”*DK_Q27%V@E;&&QE9^.~@O^S>P9M6Y27%QX5IU<7’,:M*%?N<3DN MRYFPXR,4/%@/]DV&F[<4O/>$(JC;2O)&^@600?HWQTV7POZ?? ^]Z’1YD’GB+L.RR!GI/GC6’^YG>(^0!M0] .[;N&MZYR]CP’?35.*’”\6@A MV.*VUR^/+R4G0YRTVY11L;,YH\DGI@S@A,TT4*29;/F:+T^-FS1//HY%GT MM\/WAR\/(Y3VWY^=/#DZCN[?, ^*/XI.OZS6H8 3]’P_IJYGC=KX&L%O$1M19 M1Q)3X^=8Z_?X)%S+XY/C42[F4’”EM[W)L\.C, K?-F5(-]^A-?-UMG4OV?_2 MG?E: (?!43#YZXB7R##_D1;A<.S,(%^>Q4#@D=-ZR49]-&Z#IP;EBVO+4”B?0\ MVLOV”<;9@’ G39/5#6D+))$]D\I <(;RXRNM,FT\.U-U|#C?VI#!=!\CI.&& MQF 4+-B!I#4[TLP+&I8DS*)YLWF7’@”?3)DW-N3R+L 24J8D0 MIZBUS(&NI0(SC4> +\|TP5[@8”G8J++,K_ Y5_#X0.C!!X&&O(@BA0!’G”VP:I; ME058_ 3U114W*;T*WE64Q<$7TI/O>>LQ-R;9- F@P668P0AC#FM$;69XC*)CV M-895F_$(G16ZSSB5C:)LUT56YO%U_H,]@AW**-P:^U?7Z,%#C”+N&!M%@74’ MQ[-EK!-2F@*’;’V[.B3<2EAZQ2OQ2&*,+M5FV/N+!$@E Y1’R@!#)YD-OFF_M”\$<)’”*$X}2B,3E6KPD: AG0@;;-)5TN.Cl*$[[^Q3ZRZ7/*<’[5!D 6YDK@-M[^V:$76’EN*RX6<=V:3)+)5DL;>,M31D3#=8H3!RG/T_,0^,5>),1+S, M+!*W%4H)OXVIHNL@Y70\;M$QBPB-2MZ’SD6-O6Q^I@HF;5*WIH-1=!ORT<+& M3G=\[I;2]V7M;[.+_&’8-]HVNR’V0K1VK.-VF-WQM*2#6DI])+^3+!6]>^D6 M .HA+@ M@)OIS1,.?OX,)!8@Z=-GP[^3,AAXE&[ME 1, . M;F8B 8BS7S38@82_)@/R)H0[:.A)1EHFC52TFLXGYK3H”$E-”@G55”I7%|*5 MD’W0]GS)+4?=,;2M!Z7D473#NKUM(9H0$”8%?V#Z, (<<\&,%%@\2O%.C\+-/[M2V/)T=D-A]LK>KAY?[E+E(?)?I5#,$Z3B2\D!/(&H[OTIW9(%4UUZ P&!O*@-MK>6]]#!52Z(^+97H[-MLIE^B_H M0IQ2MH8)Q\> \2$H/OHSNBSOZ).[’>? P)C*”. ?+!O2RV7OH>@S8G8OL9AO- M,*OKS23Z!-.’6P/”@?)YZ.;I?+_&9%-M)9UL]6IQLS=<\T.5UN*|@?Z’PI%I8*,9 MAC; -”OW#X5[?Q5?]’QP[VUE- Q8^8^.6^J*$&WS3KHWHQ6#DP#Y27NT\<$X_M <\K_IQCH[0_M;$D8| BO’EY6’NR(KC809H9.AG?&K)7?RI0\IN MI7B*X1G/)-.QY1F<&39?A &^,_0^M#M91BNEI%.HI,0XDAF 5/3|\9A:”@2 M=QE]7XV7&-GXA2;V\.<:6ZG-],B]VGELC*@H? M^7#[T8Z73’#H$PPR3.9<%T ^:?,__3PR?/3K]P”?0#(=_H4& MEY)37AD#’/S4P8RCM”&*]_K\2#O:P/%=”8/V”AY=,%’1=+;UL?CMY/Z?D?0_CWQ” P!]J(3*Y M7VG”B)8PVF.8[|LC?QOM4>3]HXFOL%X+FXSG&$HA-JW* ?/@YGU8”T_;\B2 M#[G? 48=#_OO!>K-316K3C,[7.\0’!%%=SL%6:ED2”%W2>I2+[Z5EC&5Y@>BL]XR\D@Y-?A>C(87?%$3**8S=(;6WCO8<”>_,4’.W M”#EG+06_+WW%YFI12M:7,(D6$ 3F E8Z(! (QPZH.,7^Z)2#.O.K9DI[Y2#(]-MDP7!:.@!\G2$’#I<9#20*K+O&(+TDQ>UROVO6U%3SM%]NXW”TVC#.[]P9Z%M5 M7K> \GB 0WG’>N6=)PDQ”PCO]<.[MOL36=\XM-END_7U8,F- R’C5=,6\)(C& MP?)W(’C6W-5B1WG”:$;%’G>3S8S,F.]JK-5L(:E0ZH3!MYIH9;@H8:,@Z7’&N MU28611>5GDIU*KGH\1K9;2018@M8,H)/DV+Q]7;7(:+1$92Y0<#PLC”WO? [#L:*F1”%@”+WP+39+’(JO5UV2>>><[=\U=$US1OKR3=Q0T0Z#(-[5]HN*.M/FY+YO%S6*Z.8B2N#KAG5*39XG(;/0KRO3O- MYT’+R’=\9D>@?6U! [G5CY7:M5/Y.\6V@.F\4#@*GM:.F %I]B_-F;VB9I!0] M8YOT2</’VV+>SW923@!&.1,Q4^E M^Q;O?&Y#DFGT=^FL2]NZ1]0*”’^[’I?+R@7KQ7K,096]76,_5:.V@:1265X MK5ENU;=88LM>H#[@=N ,8\MTI(6B_Q’?\=GZ%”&F=E_NV)?(039\]_XFY; ” M5;=-^[I]=^ MSU?’G0C^\#)AVN+/>< ,;3(1428Y1@E_K_DO&#E8L7%0.?!8)]Y.3.B,?’R M>>:MU]W.K\@JFO63&*]PKW3-[B-4ED/UM\]G;K MY&B)+8,*DIP)VMSXT)297.SAIV=Z0$#$>L4WEL(\$”-(6$$N0RL’UP!>^; MCOXO[M9IMI7)R”\8)ES\XHW&KIT=?HA? V5_IM M2YXQQA^TE4]+PEW<9(;70DW]36!L3BW-I3)+82KR_8BC|2K8C!.0A\CV|;$ MC..E’5@>UC/I>(9+(<#HVX%;’-M>;WBQ[(2AR:.C%TV*?>;?*20N)S!0BD$9Y\!&’#HD(Y9S:S,4-J M?/S”S!OAFR=QO 6&5C*)”Q3T. $&X*T1R:HMMG)3ULJ080=U(:JPSD7%A/K> M->RV)H9^\OWQ$Q-8^*69PR.BO_!->< \(’@R6PM,R?#@2/ME3KJB./|&XR\’/’FQ9+ @GOE$P/E5VEP(=P&X5VL-[2 @FH!CN>G\&R7YIGSCMY!OO,F)ZI%$C@]/:4OUT,T#0PT_ZH,M=P ^ M8$R@@M”A4 ^?$%HO6F8I[XD[_6\ MTP1EQ$Y%1KYB6.:,\ 1HS)@ODYZRR380F8]_?%-D=’[”,-G>F/HEQ:UL(W@Y M;]_[_O6 P3GD3\0EV_QX$#_)RPH-LP8.\FO @]X0\^2PTR 0’ M03C(&-$@MX2#]+SP\|)DWT”:,,]3C=4.O”NFEPF*]’!0I- ,1XUHF-(W/+$) MBG0?]^ >PHV[”5+8+90”91FGI/F4/O=IL]_OQ;R+234|>=#S+6 G9’8A>VY M9@[W8^R8%G(5?RD”CNR\-G#/3P(V_S (=!1^C\!VU$NPEG%7BMX?& 7H^.G MQ]U’HE)5)-3YD_-L-\|%(54%7/WCIZ8DUK$M[TAR9C3=*GJEL.W’(N+XR=$! MUB5;7Q?./9V!LE @CW.0(W$520 ,*YQ3/B&8)RFQ8M?_R*PW)=(.X8&@QU’_MW5A =9A=Q;)>\P=LGKU0%*E((/8DFZ7Q,K?(92BNO3W]1\ ,.?O+B[<9^Q\’#D(SA6,RM8EIEI(TL21C;D[V28*#AX]#75P9M 3’#\|\ M _.[;’14L’)@\;N9)&^,$C6$N]AH4-DF<9VL#L 2,Q^@QK0HE(S K%1=E7’B M!R;QY;Z1%O9?&[+2,%T1DTXS,)YE’:Y][AM8,’ M22LJH= <1ZG^ED2HQ8)\GB:B1*B_VH?1:YRVV:],S,^A+3)-’9GIGM*V>AU$ MA?K!6BJ=X/D’)’%]JBL0 =2F&8=EAG=\&B,+BX&1OOK]W,DP6/S.+8S=@>Q/5 MX>>+#]MSP’K0MCE\B9F7,H/X4OYH/@[7U)C&C?]#C,S9+%A9@”=>?1=X/ W M.U1+KMVI:5|)8HA:/CH@0C^5P;9TL*^#/(I7+W.-*;.KZY+!-B/I9QDI_4)-MUK:EM+<-^$;)Z3’UR’_P\GNN&,D?3K3;Y.Y#T!)HS* ZX_@K,V%’?QT7P”..W M<$5;X:OO-> (9X==*;!9%]\TW58 MR”XZ[W>/TYQPI;\SOM0[4#LW-]Y&>;,&&[-9X[%,8KT:B@Q>EA&8IQZD%;\# MA[/36-7)’>X^6H<0U[;HKF8<<,LK;ZS!@.-W/WS4#Y->ZG]V;V \,W’!.O_Q0WM- U>1N^CY@Y72O M494>&R@Z(BW/. [TX+\]37QZ/]”U_]!-DGT/YDX>.%S?19,H M0K-’ZO6@”Z^761-,[20+AB&(33.T^[L&?V8E?IR8>A!,%HA*#’;ECPDMZAXZ+|VZQ<\34@P?*R^= =\OC9=QHTPN:\$^M:! MZ_9\?.SXP?$OW[R4!9%TL!X!CNGY(&7Z9&=J$USYCDIY;F&4)\7VDI(-[8!B M^\W SQ-QI&IA=&2RU\M&6GP.J’D8”WPL*F/,5>_.G1/WDS4$’A _=Q>’VL?/? G]XJ.0TW.3CQX>/ M’M\’4O3NSKFWDL>?`PA]?/SXV?&C)X^?/3IY_/VSV^-#][(=T’3G)MYD”#(< M’JL=@6IE^/K2< Y13LDP,.%\I3”S9BK(=9A\#?9?TT<:”6_FB!3]UC1?;6?O ML? &KJIE+H.@*BZ\DUQ&_&ZOK96 /L)FCC5#/5,TG K0=*HTJX. M>$]P=/P|\=]<L&_ #TZ_^A;C,6MN=75>$;GKMGL9RMC]-4NYTM8I”6;+R-R$V<2 M2YRK-C12J4HPU A.2)2MT:6@/*BU0IX]>Q;NE”V;Z,]362A@\S0)5B.0YMI[_]JKY6WV[M29]%|[^#_-&;<*M9Z.O#’2O;/C(=;,-IT20:B_%B#LF”40Z2B8I=I723UT8] MNNWAN!0W/V78771.+L ’V!GA(NRA)+.,]U’ERGLXSI4-GJ5+)6!XIT2$,R&H M/1/[7)A”H1L==IF=*[ZBG!;] BJ,2F+VU[%]JJK@^”6KJBQ@PY8@\7+ ^-’LM MA:DW’7HW;0!&”3W+G]Y-]6.:5QI!QHNJ7),8M9ABU706Z!Z>.O8APHNR9”D M?A!M’>SR-.&^UJK.>3 G\’X_,SJS;IV:%\XE@3T8K^.6L,”0S+,<_WQ/056 MI5WV-K0*M7P638,ZQ-R.3%LF*,1TYOL M+3 56’)@ZW)N7;_)+E%YYO!X^’N@N66-G’N,B9AN#& AYL)\.,R;7”1L?’^ M:&,Z^W*#(=-ZN=&X\1JRQMWZR74G;U0=F?6\:=L#1Z)LVKA&;UKR!-+C$]5 MSH7OF^RMU’[=1%C;DZ.’3”JE;”IE%W3*A\YEBNDRF8!/”)]>ZYP7O(!!T,=7 M3T&[9OHD>,EQQ.^EC#”(MG)9P(3($?)OQX/!X>(K!C3M(NL6D_HX_&AC[\? M,91U0A]_PQ.;T,? W<0 NS.3XFN;$>%6O)H!=EP1A_”D*IZI_!,T\COP$6=0” M/Q1T%\(@Y<8: 2=UIJ% 5!NR%C@(2\%?/*%”Z!P8’MXZ%&UO\6%T]D’S M@=9QK>UO)M@\8|QTLRF+[?,^5]HB G’HI6’5^Y>P#8WE<|;*%^VT552[MY6H/O,5ST/ MNHY)Z?!_3”)@7”)@%W3%PXFLOO]ZQ?8[5/ M#Y\^?G)Z?/KL^\?/8(*G3T]O?_ .=^#ZX4$R5Q#. ;A=,WO48LT>&E]Z)8U M.B (U-$Q.0^B”CA^3!R$A@XP;2HPZLQ(@HS1/S!+L[B”E6<7&P&N%9Q1!2[W(DN:)*-&A2:=P!N. M/V-)6GT5K_XQ94(>_V^#I_JNR55T?#(_/%8 ML[$HSN82Y=2’Y#3^]>3)LBL75X6JN[_UZ0SGL?!0>/6N^=19QOR6F). #!_M/\UH0&[=6\M9*3A76G$4X_0(1YT(;QA=5M9L@\!/;0@7)?=-+”\=-4ZG/K9N MJ^7TW=Q4DF65QCCQ; 0/%1)W1^%ZCS\VXL220VQGR3_]Y+XJ33*.YU)N!(.MAHJY2]Z”0N!ODG\TF/?R@J5@P%U**3YT^%Z MC!HOQ.(=@5+K^”1HV((!63ZK9868CU)3A4*9 M%;4I@K!R)6,@+!%@)\)%D._]YP+()AM%.0/PZ\:+HAX[LA+W?DAK2!X’N?!]42 MB;IID);Q9]V]94P9@S=D$75K/GZ@LKS#1U>%,%K>IN%P_!TPSDMO2(*1J0 UE,55”XV9H[AQ!5,A@C&[%’.(T%:I6LZ[TKWFT=I6EV\O!H@$&&]J_64$]KO[U))UUUFQ0^2;!1M$^[ACTI=@UVVJ$@UQ*’-M_ 8NRO+@HB’+5+=UNU\, $H&Z?TQB NGDZXJQW=O;/^UFP9ZG>&OR7HFIF7 MX^=UMZ=C$_On]^M/Q1T%\(@Y<8: 2=UIJ% 5!NR%C@(2\%?/*%’Z!P8’MXZ%&UO\6%T]D’S M@=9QK>UO)M@\8|QTLRF+[?, ^$

M.F(X_50!\0U/;]-N(#[<&?VUM>TK<9KF,3)*E,7P@C%>M)O3K)6=94EF)O5 M$G!20=^G+1TNT3WO!>9CU,_"\R=K>ES6}&1,W[*XM]T?Z9NQHB6.C)DB7(/ MBK[S8I:H??*
GW^TGN]W2NRP6&)#&7%/TIB -Q?KD38$L7P02U]@FF-NH_5P6 M1,]89_RIGSD/EPB1*9WUER7R[/\>B$VG0]_Q=`-]D.OQD%5?0=081$ MK5VIK:E-
*A1N0Y*66+DH^@8YCAXPC*W4O/(P"}#5,+^*BQMX%X3C@G PMN+!& M4+]_)\4"7{J"LJ&9KP\JA3EC/3.A.Y7&&ED#,Z,G-()4,%6K' DA#S.#!<\1 MfD4-*
*H:D+2WUUAFG/E!C9*X4/^EB4EP>K\O(,^SR %(3GP6<36"JEA=MWW>2Q M.@,;;%&#0]03_L'Z47'SSSA7X19BEA#;79U%"4BH<@7#0'O;3=-M!GZ%5Z M0VUA:-Q45MT4DN'E?*
BSPV1)4(??.= E9+5S!\#?S\|(^748>)UE.C]J7_:6$ M)GM]L/N-UD](ZPNDA?&ZWL/QA;WU_E0MY#;??+H8EHH# #+ M8$RR*QMN!Y."),O@&C8%<;>E+'@PW 4C'=ZRM/'*
_SX8WA]35E]94?C>AX/[MRF4RJ,9A4-U[^_6O9@3 L7M0. ^I#((UHFG2#A3\7#[ZPIEXO#Q-J7LS '2<. M1/W3C!-IET0U-KU-^*Q%X#H\U!P@&)ZO7++"L0XOBS4X@2 MO-
VREB)H6T;8)#'(3.3G9:93%G8!Q6=4H@3XG>`M=.B[HHL;$P>U10W8Z.L-@AW)!:$6]PP6M("]541<-CUV_ K',RG2TYBR9"S M8H152N/(.0A;AS@+%*
{OMI3"NF7$9K)NR5B!^L$EE|KHLJX|&@?9YG^8>RM?.#=|\.58K-@P>THQ;%FY+<7 M5(CV#-TK&'+7+$@IF)TD'48W\&&1]B* MR3<5PP>R>$B=> BOB)4/;2 ?*
O#8N4"+E=$KQQO7:?#-#K"VL=1UE@ >%]O/Q M_MIR+,6'&CU[6[8^.!1].+*?(ILR3!\VW('$BL^3?>&/+_V.F%HT@?;T^?Q M9^R2EDW?Q|K3(2XS|H."DU,=RY_PM@!1C*
*S2VWLX?[[.-UQ_V F69U;H0_+ M([U71.+B(WJ/:S>(>;VM$7MNCU?DT,\$GY:2L66-3*SV]!$5|9^3QFA>TS_6 MP"HXN$?%!W2 21W)@95'V3/KPJ1PA IU27J8=(QVVA-*
*K0:1KXW7*PRI%,T&4 MV.808K\..NGP%2D":?.OJ@OQN+SOM?:#%,"QU3'1897?M.OO8-?15N&8>K\ MN-8EEN"@>B-VJZ&3@&4O-1PP6!0>7L710E M\$;\P|*ZE'\OJ9X A\U[Z3-*
W"&;>00@G@D&_ZXYB.YLI.3Y&%\YY&3]#-!"8W+G:LE"%ZH]WPDB.^, MF$;Q;71\PY =LX)B0A:/#EG\,0PU0E9_U/;$(6W\<]^+@YP0CIL(_1XH=_M?4 #0G&:D*]>32X.[':PXL*
*0JSFJ0<8D80@9CM"3>[=683<&L\(5YR+.C5Q M&-++$G"'M]["&G*P6SP7W9??3V9^9EN@9L4F:F]CBP%/MW"78*&FM/M%>[*Y H<'4Z7'ZQDVF]0MMD TQCP!8N]_V$##*W*
M;IN[=O(6^@W)%2C5%X_3$6W)X9NSDAVL:FEH?%N:5A$K)P]$@?5I6YMRW-MRA"Y)&%:.DY.'?3Z]GV7L.6-"E@3OH-U7*II114=5[^8P!+=GFR*&D]76+;;;27 MT;*
*<@MXF>8D/,2(:!#Z=^1!)U1$;2/8*G$%0#SG-6"P3*X930>>(QD^_D+20W M6@I?TRINH"9)'.F+:_$FK=_IB2MQK2/K98?>=] Z+5RV>,V%WA@RBK6120*
*M+9:TE_!ZA[YIQS)MV&_.5_8M3>H77IYW),E'>FL)@6.O;MRZH#WSZ,9_X(04 M7U[%>7UUL*B(D2R<]A_^:#9S+P@CT)6JRI/ M+|&/"5QL52!9AUTG$BV6IU(3]HD^8HE..*1H?*
*ZQ75=DL5)+3#*XRVV((Q P%+ M@=P2=?X2WT67G=8%%8&#[RMK#X=Z]6 C M!-]E]GDFR8=Z]6 C M!-]E]GDFR8=Z]6 C M!-]E]GDFR8

*(DW5+FK;N?Q.@54KL,2T$)X]V^]V8S"#8#18R>9[F9FV'[W@ MWS=:+]N>/W#TI=*BP2^5M]?]MF*)LX0[M=''7RKX>7>P*.I+U+_--^C9X&") M\:MTX&T(O]8%TZ6[#\$GR&!,PG4) R4,E##P(F&@/:0D1)TQ\1--+PGJ937G M$A%*1"@1X44BPN9G2;E/8\P0F<)"_J>HK9_%A9I=VUTQ-$0T"!A99N=GG3>E M;I5JOU^ULLJ[J,I[VNKWNNAO&_W5.OO4ZAZ54%=N85X8 ML)5;F,P.IU@)GD(!E@SSH(2"$@I**B14)#9-X^G9Z+*^F;)""4BO&1$N%+? MG!V5O$]]$WZ:$X#_^]L7,]%@2%5^O0 "(CU!JH;FR"D7&GD$!81$))A>9$BO M1A3W&-+ [%'$B8Z'(]0/5^_<\1%TQIZX%$,H1502IQ/L.0YB[!Z8SHS@[.IF- MAL$X&8,*2"=S.>E5,:&C9TI;-^OG]$'CE39 D(9&$^Z8%*,R]"M##7/U(KV#, M"5]3KX[$C=9%:MCK @/ M " 0$I! !R9V5N+65X,3!?,2YH=&U02P$"% ,4 " "6B/Y8 M<=41B+-4 !AF@(#P @ $);@0 #$P7S(N:'1M M4$L! A0#% @ EHC^6!TYL0N_" O#8 \ (!Z<($ M ')G96XM97@S,5\Q+FAT;5!+ 0(4 Q0 ( );(E@E^\K!K0@ ,DU / M " =7+! !R9V5N+65X,S%?,BYH=&U02P$"% ,4 " "6 MB/Y8WL11?H<& !V0 #P @ &OU 0 #,R7S$N 9;'1M4$L%!@ ' < KP$ &/;! $! end XML 91 rgen-20240630_htm.xml IDEA: XBRL DOCUMENT 0000730272 rgen:MetenovaHoldingAbMemberus-gaap:CustomerRelationshipsMember 2024-06-30 0000730272 us-gaap:CommonStockMember 2023-04-012023-06-30 0000730272 us-gaap:PrincipalOwnerMember 2023-01-012023-06-30 0000730272 rgen:OnePointZeroZeroPercentConvertibleSeniorNotesDueTwentyTwentyEightMember 2024-06-30 0000730272 us-gaap:RetainedEarningsMember 2023-06-30 0000730272 rgen:AvitideFlexbiosysAndMetenovaMemberrgen:ContingentConsiderationMemberus-gaap:FairValueMeasurementsRecurringMemberrgen:MeasurementInputEarnoutDiscountRateMemberrgen:MonteCarloSimulationMember 2024-06-30 0000730272 rgen:MetenovaHoldingAbMemberus-gaap:TradeNamesMember 2024-06-30 0000730272 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44243000-374310004442640004388490001986362000197120300028619240002824411000154038000159133000305348000341754000350003600071000750001540730001591690003035215000528000-375100060500036950005761000377800010597000518200025160000729600061252000186100050960001881000123590003321000200640005415000488930000.060.360.10.1531000-6068000-6812000-279500017900001399600013970004609800055841318559000157181100042712000440943000197060100033210003321000200-53000-530004056008420008420007658012340001234000286380520200052020000921400092140000-1531000-153100055902860559000158578200044243000442640001986362000556443015560001544956000-311210004261010001940492000200640002006400060-300036184100032000330009631015470001547000314150524300052430004262107229000722900054830005483000-6068000-6068000557448965570001561393000-37189000446165000197092600055150004889300033648000312370007727000914000179900001273700027950005574489655700015613930003718900044616500019709260005515000488930003364800031237000772700091400017990000127370002634000-219600003026000020230001720005740001245000460600010474000250800019990001153000016349000-6487000-364000888000154700038710008366000-26234000238670004544000-10100015400086898000456220000280990000102323000261900020750001315400016749000-110000-157620005540000178800062000885700011140000737500072980003030000-12000-14747000-183880001434000-24360005782300080198000751323000523458000809146000603656000238600008310005742000722900031415052430005 1. Summary of Significant Accounting Policies Basis of Presentation The condensed consolidated financial statements included herein have been prepared by Repligen Corporation (the "Company", "Repligen", "our" or "we") in accordance with generally accepted accounting principles accepted in the United States ("GAAP") and pursuant to the rules and regulations of the United States Securities and Exchange Commission ("SEC"), for Quarterly Reports on Form 10-Q ("Form 10-Q") and Article 10 of Regulation S-X and do not include all of the information and footnote disclosures required by GAAP. These condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and accompanying notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which was filed with the SEC on February 22, 2024 ("Form 10-K"). The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The business and economic uncertainty resulting from global geopolitical conflicts, supply chain challenges, cost pressure and the overall effects of the current inflationary environment on customers' purchasing patterns has made such estimates more difficult to calculate. Accordingly, actual results could differ from those estimates. <p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New

Roman;margin-bottom:0;text-align:left;">The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. The Company made no material changes in the application of its significant accounting policies that were disclosed in its Form 10-K. In the opinion of the Company, the accompanying unaudited condensed consolidated financial statements include all adjustments, consisting of only normal, recurring adjustments necessary for a fair presentation of its financial position as of June 30, 2024, its results of operations for the three and six months ended June 30, 2024 and 2023 and cash flows for the six months ended June 30, 2024 and 2023. The results of operations for the interim periods presented are not necessarily indicative of results to be expected for the entire year. Assets Held for Sale An asset is considered to be held for sale when all the following criteria are met: (i) management commits to a plan to sell the asset; (ii) it is unlikely that the disposal plan will be significantly modified or discontinued; (iii) the asset is available for immediate sale in its present condition; (iv) actions required to complete the sale of the asset have been initiated; (v) sale of the asset is probable and the completed sale is expected to occur within one year; and (vi) the asset is actively being marketed for sale at a price that is reasonable given its current market value. Recent Accounting Guidance The Company considers the applicability and impact of all Accounting Standards Updates ("ASU" or "ASUs") and other recently issued guidance or rule decisions on their condensed consolidated financial statements. Updates not listed below were assessed and determined to be either not applicable or are expected to have minimal impact on the Company's condensed consolidated financial position or results of operations. Recently issued accounting guidance that the Company feels may be applicable to them is as follows: Recently Issued Accounting Guidance – Not Yet Adopted In March 2024, the SEC adopted final rules under SEC Release No. 33-11275 requiring public companies to provide certain climate-related information in their registration statements and annual reports. As part of the disclosures, registrants will be required to quantify certain effects of severe weather events and other natural conditions in a note to their audited financial statements. The rules were immediately challenged in a number of lawsuits, which were subsequently consolidated by the U.S. Court of Appeals for the Eighth Circuit. In April 2024, the SEC announced that it is staying implementation of the new rules pending resolution of the consolidated litigation before the Eighth Circuit. The Company is assessing the effect of compliance with the new rules on its condensed consolidated financial statements and related disclosures. In December 2023, the Financial Accounting Standards Board ("FASB") issued ASU 2023-09, "Income Taxes (Topic 740) - Improvements to Income Tax Disclosures." ASU 2023-09 enhances the transparency and decision usefulness of income tax disclosures by requiring consistent categories and greater disaggregation of information in the rate reconciliation and income taxes paid disaggregated by jurisdiction. ASU 2023-09 will be effective for the Company in its income tax disclosure included in its 2025 Annual Report on Form 10-K and will be applied on a prospective basis. However, retrospective application is permitted. Early adoption is also permitted. Besides a change in income tax disclosures, the Company does not expect the adoption of ASU 2023-09 to have a material impact on its condensed consolidated financial statements. In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 820) - Improvements to Reportable Segment Disclosures." ASU 2023-07 will improve reportable segment disclosure requirements, primarily through enhanced annual and interim disclosures about significant segment expenses that are regularly provided to the Chief Operating Decision Maker ("CODM"). The disclosures required under ASU 2023-07 are also required for public entities with a single reportable segment. ASU 2023-07 will be effective for the Company for annual periods beginning on January 1, 2024 and interim periods beginning on January 1, 2025. The amendments of this guidance apply retrospectively to all prior periods presented in the condensed consolidated financial statements. Early adoption is permitted. Besides presentation in the segment footnote for its interim reporting, the Company does not expect the adoption of ASU 2023-07 to have a material impact on its condensed consolidated financial statements. Basis of Presentation The condensed consolidated financial statements included herein have been prepared by Repligen Corporation (the "Company", "Repligen", "our" or "we") in accordance with generally accepted accounting principles accepted in the United States ("GAAP") and pursuant to the rules and regulations of the United States Securities and Exchange Commission ("SEC"), for Quarterly Reports on Form 10-Q ("Form 10-Q") and Article 10 of Regulation S-X and do not include all of the information and footnote disclosures required by GAAP. 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Besides a change in income tax disclosures, the Company does not expect the adoption of ASU 2023-09 to have a material impact on its condensed consolidated financial statements. In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 820) - Improvements to Reportable Segment Disclosures." <span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-

width:fit-content;">ASU 2023-07 will improve reportable segment disclosure requirements, primarily through enhanced annual and interim disclosures about significant segment expenses that are regularly provided to the Chief Operating Decision Maker ("CODM"). The disclosures required under ASU 2023-07 are also required for public entities with a single reportable segment. ASU 2023-07 will be effective for the Company for annual periods beginning on January 1, 2024 and interim periods beginning on January 1, 2025. The amendments of this guidance apply retrospectively to all prior periods presented in the condensed consolidated financial statements. Early adoption is permitted. Besides presentation in the segment footnote for its interim reporting, the Company does not expect the adoption of ASU 2023-07 to have a material impact on its condensed consolidated financial statements. 2. Fair Value Measurements The Company uses various valuation approaches in determining the fair value of its assets and liabilities. The Company employs a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that observable inputs be used when available. Observable inputs are inputs that market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Company. Unobservable inputs are inputs that reflect the Company's assumptions about the inputs that market participants would use in pricing the asset or liability and are developed based on the best information available in the circumstances. The fair value hierarchy is broken down into three levels based on the source of inputs as follows:
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<td style="padding-top:0.01in;vertical-align:top;padding-right:0.01in;"> Level 1 - </td>
<td style="padding-top:0.01in;text-indent:7.2pt;vertical-align:top;padding-right:0.01in;"> Valuations based on unadjusted quoted prices in active markets for identical assets or liabilities that the Company has the ability to access. </td>
</tr>
<tr style="word-break:break-word;white-space:pre-wrap;">
<td style="padding-top:0.01in;vertical-align:top;padding-right:0.01in;"> </td>
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<tr style="height:10pt;word-break:break-word;white-space:pre-wrap;">
<td style="padding-top:0.01in;vertical-align:top;padding-right:0.01in;"> Level 2 - </td>
<td style="padding-top:0.01in;text-indent:7.2pt;vertical-align:top;padding-right:0.01in;"> Valuations based on quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities. </td>
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<tr style="height:10pt;word-break:break-word;white-space:pre-wrap;">
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<td style="padding-top:0.01in;text-indent:7.2pt;vertical-align:top;padding-right:0.01in;"> Valuations based on inputs that are unobservable or significant to the overall fair value measurement. </td>
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<td style="padding-top:0.01in;text-indent:7.2pt;vertical-align:top;padding-right:0.01in;"> </td>
</tr>
</table>
The availability of observable inputs can vary among the various types of financial assets and liabilities. To the extent that the valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. In certain cases, the inputs used to measure fair value may fall into different levels of the fair value
hierarchy. In such cases, for financial statement disclosure purposes, the level in the fair value hierarchy within which the fair value measurement is categorized is based on the lowest level input that is significant to the overall fair value measurement.
Fair Value Measured on a Recurring Basis

Financial assets and financial liabilities measured at fair value on a recurring basis consist of the following as of June 30, 2024 and December 31, 2023 (amounts in thousands):

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<td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 2 </td>
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<td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Total </td>
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</tr>
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<td style="vertical-align:bottom;text-align:center;"> </td>
<td style="vertical-align:bottom;"> </td>
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<td style="vertical-align:bottom;"> </td>
<td colspan="2" style="vertical-align:bottom;text-align:center;"> </td>
<td style="vertical-align:bottom;text-align:center;"> </td>
</tr>
<tr style="height:8pt;background-color:#ffffff;word-break:break-word;">
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<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
<td style="white-space:nowrap;vertical-align:bottom;border-

bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">735,008</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2,25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">735,008</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2,25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Liabilities:</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Short-term contingent consideration</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="text-indent:10pt;vertical-align:top;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> As of December 31, 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 1 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 2 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 3 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;">

</td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Assets: </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> Money market accounts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">658,574</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 12,983 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Long-term contingent consideration </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> <span style="white-space:pre-

wrap;min-width:fit-content;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14,070</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 14,070 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> Cash and cash equivalents As of June 30, 2024 and December 31, 2023, cash and cash equivalents on the Company's condensed consolidated balance sheets included $735.0 million and $658.6 million, respectively, in money market accounts. These funds are valued on a recurring basis using Level 1 inputs. Contingent Consideration – Earnouts As of June 30, 2024, the maximum amount of future contingent consideration (undiscounted) that we could be required to pay in connection with completed acquisitions is: $125.0 million over a three-year earnout period for Avitide, Inc. ("Avitide"), which was acquired in September 2021 and for which the earnout periods run from January 1, 2022 through December 31, 2024; $42.0 million over a two-year earnout period for FlexBiosys, Inc. ("FlexBiosys"), which was acquired in April 2023 and for which the earnout periods run from January 1, 2023 through December 31, 2024; and approximately $10 million over a one-year earnout period for Metenova Holding AB ("Metenova"), which was acquired in October 2023 and for which the earnout period runs from January 1, 2024 through December 31, 2024. See Note 3, "Acquisitions" to this report for additional information on the contingent consideration earnouts. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Since the date of acquisition, expected results and changes in market inputs used to calculate the discount rate related to Avitide, FlexBiosys and Metenova, have, at times, resulted in changes in amounts reported as the Company's contingent consideration obligation. As of June 30, 2024, management assessed the remaining contingent consideration obligation balances and the existing market inputs used and decided that no changes in fair value were required. A reconciliation of the change in the fair value of contingent consideration – earnouts is included in the following table (amounts in thousands):</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:justify;"> </p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:78.56%;"></td> <td style="width:2.1%;"></td> <td style="width:1%;"></td> <td style="width:17.34%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at December 31, 2023</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 27,053 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Payment of contingent consideration earnouts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (13,117 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Decrease in fair value of contingent consideration earnouts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Balance at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 13,936 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> The recurring Level 3 fair value measurement of our contingent consideration obligations for Avitide, FlexBiosys and Metenova include the following significant unobservable inputs (amounts in thousands, except percent data): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:18.14%;"></td> <td style="width:1.7%;"></td> <td style="width:1.06%;"></td> <td style="width:1%;"></td> <td style="width:16.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.32%;"></td> <td style="width:1.58%;"></td> <td style="width:16.04%;"></td> <td style="width:1.7%;"></td> <td style="width:11.7%;"></td> <td style="width:1.58%;"></td> <td style="width:13%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Contingent Consideration Earnout </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td colspan="3" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Fair Value as of
 June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Valuation Technique </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Unobservable Input </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Range </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New

*Roman;margin-bottom:0;text-align:center;">Weighted Average(1) </td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td>

space:pre-wrap;font-size:9pt;min-width:fit-content;">% </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:top;text-align:left;"> </td> <td style="vertical-align:top;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;border-left:0.5pt solid #000000;vertical-align:top;text-align:left;"> Revenue and Volume-
based payments </td> <td style="white-space:pre-wrap;vertical-align:top;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> $</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">361</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Monte Carlo
Simulation</p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Revenue & Volume
Discount Rate</p></td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2.5%-9.3%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.1%</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:middle;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p 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style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.8%-7.2%</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.8%</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td 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 Success</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">100%</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">100%</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;border-left:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Manufacturing line expansions</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,897 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Probability-weighted present value </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">6.1%–6.4%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">6.3%</p></td> </tr> </table><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></div><div class="item-list-element-wrapper" style="margin-left:3.333%;display:flex;margin-top:0;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:3.333%;text-align:left;">(1)<div style="width:100%;display:inline;">Unobservable inputs were weighted by the relative fair value of the contingent consideration liability. </div></div><p style="margin-left:3.333%;font-size:10pt;margin-top:9pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Fair Value Measured on a Nonrecurring Basis</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">During the three and six months ended June 30, 2024, there were no re-measurements to the fair value of financial assets and liabilities that are measured at fair value on a nonrecurring basis.</p><p style="margin-left:3.333%;font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Convertible Senior Notes</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">In July 2019, the Company issued $287.5 million aggregate principal amount of 0.375% Convertible Senior Notes due 2024 (the “2019 Notes”). Interest is payable semi-annually in arrears on January 15 and July 15 of each year. The 2019 Notes matured on July 15, 2024. At June 30, 2024 and December 31, 2023, respectively, the carrying value of the 2019 Notes was $69.5 million, net of unamortized debt issuance costs and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">On December 14, 2023, the Company issued $600.0 million aggregate principal amount of 1.00% Convertible Senior Notes due 2028 (the “2023 Notes”) in a private placement pursuant to separate, privately negotiated exchange and subscription agreements (the “Exchange and Subscription Agreements”) with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933, as amended (“Securities Act”). Pursuant to the Exchange and Subscription Agreements, the Company exchanged $217.7 million of its 2019 Notes for $309.9 million aggregate principal amount of the 2023 Notes (the “Exchange Transaction”) and issued $290.1 million aggregate principal amount of the 2023 Notes (the “Subscription Transactions”) for $290.1 million in cash. At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized debt discount and debt issuance cost and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The fair value of the 2023 Notes and the 2019 Notes is a Level 1 valuation and was determined based on the most recent trade activity of the 2023 Notes and 2019 Notes as of June 30, 2024 and December 31, 2023. The 2023 Notes and 2019 Notes are discussed in more detail in Note 8, “Convertible Senior Notes,” to these condensed consolidated financial statements. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Financial assets and financial liabilities measured at fair value on a recurring basis consist of the following as of June 30, 2024 and December 31, 2023 (amounts in thousands):</p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:47.819%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.804%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.804%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.804%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">As of June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr 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style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Level 2</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Level 3</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Total</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Assets:</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-

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style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">735,008</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 735,008 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Liabilities: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Short-term contingent consideration </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">13,936</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 13,936 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 13,936 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New 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style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 13,936 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> As of December 31, 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;">

 </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 1 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 2 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 3 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Assets: </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Money market accounts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">658,574</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12,983</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 12,983 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> <span style="min-width:fit-

content;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Long-term contingent consideration </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14,070</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 27,053 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Payment of contingent consideration earnouts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (13,117 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Decrease in fair value of contingent consideration earnouts </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Balance at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 13,936 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> 27053000-13117000013936000 The recurring Level 3 fair value measurement of our contingent consideration obligations for Avitide, FlexBiosys and Metenova include the following significant unobservable inputs (amounts in thousands, except percent data): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:18.14%;"></td> <td style="width:1.7%;"></td> <td style="width:1.06%;"></td> <td style="width:1%;"></td> <td style="width:16.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:14.32%;"></td> <td style="width:1.58%;"></td> <td style="width:16.04%;"></td> <td style="width:1.7%;"></td> <td style="width:11.7%;"></td> <td style="width:1.58%;"></td> <td style="width:13%;"></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Contingent Consideration Earnout </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td colspan="3" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Fair Value as of
 June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Valuation Technique </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Unobservable Input </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Range </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted Average(1) </td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td>

#000000;vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> Probability of </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> Success </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 100% </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 100% </td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;border-left:0.5pt solid #000000;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"> Commercialization-based payments </td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> $ </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 9,678 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Monte Carlo
Simulation </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"> Earnout Discount Rate </td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 5.8%-5.9% </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 5.9% </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:top;text-align:left;"> </td> <td style="vertical-align:top;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> <span style="white-

space:pre-wrap;min-width:fit-content;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;border-left:0.5pt solid #000000;vertical-align:top;text-align:left;"> Revenue and Volume-
based payments </td> <td style="white-space:pre-wrap;vertical-align:top;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> $</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">361</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Monte Carlo
Simulation</p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Revenue & Volume
Discount Rate</p></td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2.5%-9.3%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.1%</p></td> </tr> <tr style="height:9pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:middle;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:middle;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Earnout Discount Rate</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.8%-7.2%</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">5.8%</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="border-left:0.5pt solid #000000;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Probability of
 Success</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">100%</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="border-right:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">100%</p></td> </tr> <tr style="height:9pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;border-left:0.5pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Manufacturing line expansions</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:9pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">$ </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,897 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Probability-weighted present value </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Earnout Discount Rate </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 6.1%-6.4% </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="border-right:0.5pt solid #000000;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 6.3% </td> </tr> </table> Unobservable inputs were weighted by the relative fair value of the contingent consideration liability.

1196780000.0580.0590.0590.1250.2460.1393610000.0250.0930.0510.0580.0720.0581138970000.0610.0640.0632875000000semi-annually69500000695000008260000010980000060000000021770000030990000029010000029010000051770000051010000049740000059600000000 3. Acquisitions Metenova Holding AB On October 2, 2023, the Company's subsidiary, Repligen Sweden AB, acquired Metenova from the former shareholders of Metenova (the "Metenova Seller") pursuant to a Share Sale and Purchase Agreement (the "Share Purchase Agreement"), dated as of September 23, 2023 (such acquisition, the "Metenova Acquisition"), by and among Repligen Sweden AB, the Metenova Seller, and the Company, in its capacity as guarantor of the obligations of Repligen Sweden AB under the Share Purchase Agreement. Metenova, which is headquartered in Molndal, Sweden, offers magnetic mixing and drive train technologies that are widely used by global biopharmaceutical companies and contract development and manufacturing organizations. The Metenova Acquisition further strengthens our fluid management portfolio with these products. Consideration Transferred The Company accounted for the Metenova Acquisition as a purchase of business under Accounting Standards Codification ("ASC") 805, "Business Combinations," and the Company engaged a third-party valuation firm to assist with the valuation of Metenova. Under the Share Purchase Agreement, all outstanding equity interests of Metenova were acquired for consideration with a value totaling $172.6 million. The Metenova Acquisition was funded through payment of $164.5 million in cash, the issuance of 52,299 unregistered shares of the Company's common stock totaling $8.1 million and contingent consideration with an immaterial fair value. Under the acquisition method of accounting, the assets acquired and liabilities assumed of Metenova were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net liabilities acquired is estimated to be $1.9 million, the fair value of the intangible assets acquired is estimated to be $58.8 million and the residual goodwill is estimated to be $115.7 million. The estimated consideration and preliminary purchase price information has been prepared using a preliminary valuation. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $6.1 million of transaction and integration costs associated with the Metenova Acquisition from the date of acquisition to June 30, 2024, with $1.0 million and $2.6 million of transaction and integration costs incurred during the three and six months ended June 30, 2024, respectively. The transaction costs are included in operating expenses in the condensed consolidated statements of comprehensive income (loss) for the period ended June 30, 2024. Fair Value of Net Assets Acquired The preliminary allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date. As of June 30, 2024, the purchase accounting for this acquisition had not been finalized. As additional information becomes available, the Company may further revise its preliminary purchase price allocation during the remainder of the measurement period. During 2024, the Company recorded a net working capital adjustment of $0.1 million related to an inventory adjustment, offset in goodwill, to align the Metenova opening balance sheet. Besides tax implications of the purchase price allocation, the final allocation may result in additional changes to other assets and liabilities. </p><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The components and estimated allocation of the purchase price consist of the following (amounts in thousands):</p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:80.236%;"></td><td style="width:1.94%;"></td><td style="width:1%;"></td><td style="width:15.823%;"></td><td style="width:1%;"></td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and cash equivalents</p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5,768 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts receivable </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,730 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Inventory </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4,477 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Prepaid expenses and other current assets </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 470 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Property and equipment </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 433 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease right of use asset </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;">

615 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12,659 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Developed technology </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 44,377 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Trademark and tradename </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 939 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Non-competition agreements </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 787 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Goodwill </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 115,722 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts payable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (1,432 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accrued liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (2,934 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (275 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent deferred tax liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (12,481 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (255 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"> Fair value of net assets acquired </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 172,600 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> </table> Acquired Goodwill The goodwill of $115.7 million represents future economic benefits expected to arise from anticipated synergies from the integration of Metenova into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the Metenova Acquisition. Substantially all of the goodwill recorded is expected to be nondeductible for income tax purposes. Intangible Assets The following table sets forth the

components of the identified intangible assets associated with the Metenova Acquisition and their estimated useful lives: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:53.871%;"></td> <td style="width:1.82%;"></td> <td style="width:19.884%;"></td> <td style="width:1.82%;"></td> <td style="width:1%;"></td> <td style="width:20.604%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Useful life </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Fair Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#fffffe;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 15 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12,659</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Developed technology</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44,377</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Trademark and tradename</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">939</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Non-competition agreements</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">787</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 58,762 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> FlexBiosys, Inc. On April 17, 2023, the Company completed its acquisition of all of the outstanding equity interests in FlexBiosys, pursuant to an Equity Purchase Agreement (the “FlexBiosys Agreement”) with FlexBiosys, TSAP Holdings Inc. (“NJ Seller”), Gayle Tarry and Stanley Tarry, as individuals (collectively with NJ Seller, the "Sellers"), and Stanley Tarry, in his capacity as the representative of the Sellers (the “FlexBiosys Acquisition”). FlexBiosys, which is headquartered in Branchburg, New Jersey, offers expert design and custom manufacturing of single-use bioprocessing products and a comprehensive range of products that include bioprocessing bags, bottles, and tubing assemblies. These products will complement and expand our fluid management portfolio of offerings. Consideration transferred The FlexBiosys Acquisition was accounted for as a purchase of a business under ASC 805, and the Company engaged a third-party valuation firm to assist with the valuation of FlexBiosys. Under the terms of the FlexBiosys Agreement, all outstanding equity interests of FlexBiosys were acquired for consideration with a value totaling $41.0 million. The FlexBiosys Acquisition was funded through payment of $29.0 million in cash, which includes $6.3 million deposited in escrow for future payments, the issuance of 31,415 unregistered shares of the

Company's common stock totaling $5.4 million and contingent consideration with fair value of approximately $6.6 million. Under the acquisition method of accounting, the assets acquired and liabilities assumed of FlexBiosys were recorded as of the acquisition date, at their respective fair values, and consolidated with those of the Company. The fair value of the net assets acquired is $14.1 million, the fair value of the intangible assets acquired is $12.6 million and the residual goodwill is $14.3 million. Acquisition-related costs are not included as a component of consideration transferred but are expensed in the periods in which costs are incurred. The Company has incurred $1.1 million of transaction and integration costs associated with the FlexBiosys Acquisition from the date of acquisition to June 30, 2024. There were no transaction and integration costs incurred for the FlexBiosys Acquisition during the three and six months ended June 30, 2024. Fair Value of Net Assets Acquired The allocation of purchase price is based on the fair value of assets acquired and liabilities assumed as of the acquisition date, based on the final valuation of FlexBiosys. The Company has made appropriate adjustments to purchase price allocation during the measurement period, which ended on April 17, 2024. The purchase price allocation was completed as of March 31, 2024. The components and final allocation of the purchase price consist of the following (amounts in thousands):
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<td style="width:1%;"></td>
<td style="width:15.98%;"></td>
<td style="width:1%;"></td>
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<tr style="height:8pt;background-color:#cff0fc;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Cash and cash equivalents </td>
<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
<td style="white-space:nowrap;vertical-align:bottom;"> $ </td>
<td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,090 </td>
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<tr style="height:8pt;background-color:#ffffff;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts receivable </td>
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<tr style="height:8pt;background-color:#cff0fc;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Inventory </td>
<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
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<tr style="height:8pt;background-color:#ffffff;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease right of use asset </td>
<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
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<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
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<td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,530 </td>
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<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Developed technology </td>
<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
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<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
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<td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 30 </td>
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<tr style="height:8pt;background-color:#ffffff;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Non-competition agreements </td>
<td style="white-space:pre-wrap;vertical-align:bottom;"> </td>
<td style="white-space:nowrap;vertical-align:bottom;"> </td>
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</tr>
<tr style="height:8pt;background-color:#cff0fc;word-break:break-word;">
<td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Goodwill </td>
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</tr>
</table>

</td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 14,321 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Other noncurrent assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 10 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts payable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (136 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word,"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accrued liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (314 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (39 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#fffffc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (3,498 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word,"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"> Fair value of net assets acquired </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 41,030 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> </table> Acquired Goodwill The goodwill of $14.3 million represents future economic benefits expected to arise from anticipated synergies from the integration of FlexBiosys into the Company. These synergies include operating efficiencies and strategic benefits projected to be achieved as a result of the FlexBiosys Acquisition. Substantially all of the goodwill recorded is expected to be deductible for income tax purposes.</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intangible Assets</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table sets forth the components of the identified intangible assets associated with the FlexBiosys Acquisition and their estimated useful lives:</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto,"> <tr style="visibility:collapse;"> <td style="width:53.86%;"></td> <td style="width:1.82%,"></td> <td style="width:19.88%;"></td> <td style="width:1.68%,"></td> <td style="width:1%;"></td> <td style="width:20.76%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left,"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Useful life</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left,"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Fair Value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:left,"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom,"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left,"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Customer relationships</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td>

<td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,530 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Developed technology </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 16 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,860 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademark and tradename </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 30 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Non-competition agreements </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 220 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12,640</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div>1726000001645000005229981000001900000588000001157000006100000100000026000001000000<p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The components and estimated allocation of the purchase price consist of the following (amounts in thousands):</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.236%;"></td> <td style="width:1.94%;"></td> <td style="width:1%;"></td> <td style="width:15.823%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cash and cash equivalents</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5,768 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts receivable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,730 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Inventory </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4,477 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Prepaid expenses and other current assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 470 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Property and equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 433 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease right of use asset </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 615 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12,659 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Developed technology </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <span style="white-space:pre-wrap;min-

width:fit-content;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 44,377 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Trademark and tradename </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 939 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Non-competition agreements </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 787 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Goodwill </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 115,722 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts payable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (1,432 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accrued liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (2,934 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (275 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent deferred tax liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (12,481 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 255 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"> Fair value of net assets acquired </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 172,600 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr>
</table>5768000373000044770004700004330006150001265900044377000939000787000115722000143200029340002750001726000001157000000 The following table sets forth the components of the identified intangible assets associated with the Metenova Acquisition and their estimated useful lives: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:53.871%;"></td> <td style="width:1.82%;"></td> <td style="width:19.884%;"></td> <td style="width:1.82%;"></td> <td style="width:1%;"></td> <td style="width:20.604%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Useful life </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Fair Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td>
</tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 15 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">12,659</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Developed technology</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">44,377</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Trademark and tradename</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">15 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">939</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Non-competition agreements</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">787</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"></p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:'Calibri',sans-serif;min-width:fit-content;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 58,762 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table>P15Y12659000P15Y44377000P15Y939000P2Y787000587620002023-04-1741000000290000063000003141554000006600000141000001260000014300000110000000 The components and final allocation of the purchase price consist of the following (amounts in thousands): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.22%;"></td> <td style="width:1.8%;"></td> <td style="width:1%;"></td> <td style="width:15.98%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Cash and cash equivalents </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,090 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts receivable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 683 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Inventory </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 667 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Prepaid expenses and other current assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 35 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Property and equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12,034 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;">Operating lease right of use asset </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,537 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,530 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Developed technology </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,860 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Trademark and tradename </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 30 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Non-competition agreements </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 220 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Goodwill </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 14,321 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Other noncurrent assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 10 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accounts payable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (136 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Accrued liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (314 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (39 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Noncurrent operating lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (3,498 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:20pt;white-space:pre-wrap;vertical-align:top;"> Fair value of net assets acquired </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 41,030 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> </tr>
</table>1090000068300066700035000120340003537000253000098600003000022000014321000100001360003140003900041030000143000000 The following table sets forth the components of the identified intangible assets associated with the FlexBiosys Acquisition and their estimated useful lives: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:53.86%;"></td> <td style="width:1.82%;"></td> <td style="width:19.88%;"></td> <td style="width:1.68%;"></td> <td style="width:1%;"></td> <td style="width:20.76%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"><p style="font-

size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Useful life </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Fair Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12 years </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,530</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Developed technology</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9,860</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Trademark and tradename</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">4 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">30</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Non-competition agreements</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5 years</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">220</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 12,640 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table>P12Y2530000P16Y9860000P4Y30000P5Y22000012640000 4. Restructuring Plan In July 2023, the Board of Directors authorized the Company's management team to undertake restructuring activities to simplify and streamline our organization and strengthen the overall effectiveness of our operations. Since the initial streamlining and re-balancing efforts contemplated in July, the Company continues to undertake further restructuring activities (collectively, the "Restructuring Plan") which has included consolidating a portion of our manufacturing operations between certain U.S. locations, discontinuing the sale of certain product SKUs, and evaluating the fair value of finished goods and raw materials, mostly secured during the 2020-2022 COVID-19 pandemic period to meet increasing demand during a challenging supply chain environment in the industry. The Company recorded pre-tax restructuring activity of $1.0 million and $2.4 million, respectively, for the three and six months ended June 30, 2024, related to the Restructuring Plan and expects the Restructuring Plan to be completed by the end of the third quarter of 2024. The following table summarizes the charges related to restructuring activities by type of cost: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:32.326%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:13.903%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:15.143%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.523%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.102%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> For the Three Months Ended June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Severance & Employee-Related Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Accelerated Depreciation </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Facility and Other Exit Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Cost of goods sold </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">371</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 514 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Research and development </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 284 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 284 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 157 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 17 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 174 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-

space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">812</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">160</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 972 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td>

space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 449 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 449 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 856 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 17 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 873 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,158</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">218</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 2,395 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> </table> Severance and employee-related costs under the Restructuring Plan are primarily associated with actual headcount reductions. Costs incurred include cash severance and non-cash severance, including other termination benefits. Severance and other termination benefit packages are based on established benefit arrangements or local statutory requirements and we recognized the contractual component of these benefits when payment was probable and could be reasonably estimated. Non-cash charges for accelerated depreciation were recognized on long-lived assets that were taken out of service before the end of their normal service due to the shutdown of manufacturing facilities and production lines, in which case depreciation estimates were revised to reflect the use of the assets over their shortened useful life. The restructuring accrual is included in accrued liabilities in the condensed consolidated balance sheet as of June 30, 2024 and the balance is expected to be paid by the third quarter of 2024. Activity related to the Restructuring Plan for the six months ended June 30, 2024 was as follows (amounts in thousands): <p style="font-size:10pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;"> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:28.071%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:11.825%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:12.905%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.624%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.264%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:9.904%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Liability
December 31, 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Amounts Paid in 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Noncash Restructuring Items </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Liability
June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Severance & employee-related costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">464</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,158 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,909</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (74 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Accelerated depreciation </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-

wrap;vertical-align:bottom;text-align:center;"> (19 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Facility and other exit costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 218 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (218 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">464</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 2,395 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,127</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (93 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> </table> 10000002400000 The following table summarizes the charges related to restructuring activities by type of cost: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:32.326%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:13.903%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:15.143%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.523%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.102%;"></td> <td

style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> For the Three Months Ended June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Severance & Employee-Related Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Accelerated Depreciation </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Facility and Other Exit Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Cost of goods sold </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">371</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 514 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Research and development </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 284 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 284 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 157 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 17 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 174 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> <span style="min-width:fit-

content;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">812</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">160</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 972 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left,"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr></table> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:32.326%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:13.903%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:15.143%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.523%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:12.102%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> For the Six Months Ended June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Severance & Employee-Related Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Accelerated Depreciation </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Facility and Other Exit Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr 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style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">201</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,073 </td> <td style="white-space:nowrap;vertical-align:bottom;"> <span style="min-width:fit-

content;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Research and development </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 449 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 449 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 856 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 17 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 873 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">2,158</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New 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style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr>
</table>37100001430005140002840000028400015700001700017400081200001600009720008530001900020100010730004490000044900008560000170008730002158000019(
style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">Activity related to the Restructuring Plan for the six months ended June 30, 2024 was as follows (amounts in thousands): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:28.071%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:11.825%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:12.905%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.624%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:10.264%;"></td> <td style="width:1%;"></td> <td style="width:1.281%;"></td> <td style="width:1%;"></td> <td style="width:9.904%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> <span style="white-space:pre-wrap;font-family:Arial;min-width:fit-

content;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Liability
December 31, 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Costs </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Amounts Paid in 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Noncash Restructuring Items </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Restructuring Liability
June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Severance & employee-related costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">464</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,158 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(74</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Accelerated depreciation </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (19 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr

style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Facility and other exit costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 218 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (218 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">464</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 2,395 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(2,127</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (93 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr>
</table>4640002158000190900074000639000019000019000002180002180000046400023950002127000930006390000 5. Revenue Recognition Disaggregation of Revenue Revenues for the three and six months ended June 30, 2024 and 2023 were as follows: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:30.598%;"></td><td style="width:1.701%;"></td><td style="width:1%;"></td><td style="width:13.649999999999999%;"></td><td style="width:1%;"></td><td style="width:1.701%;"></td><td style="width:1%;"></td><td style="width:13.649999999999999%;"></td><td style="width:1%;"></td><td style="width:1.701%;"></td><td style="width:1%;"></td><td style="width:13.649999999999999%;"></td><td style="width:1%;"></td><td style="width:1.701%;"></td><td style="width:1%;"></td><td style="width:13.649999999999999%;"></td><td style="width:1%;"></td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"> <span

*style="white-space:pre-wrap;min-width:fit-content;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Product revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">154,038</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 159,133 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">305,348</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 341,754 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Royalty and other income </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 35 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 36 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 71 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 75 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Total revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">154,073</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 159,169 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 305,419 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> <span style="min-width:fit-*

content;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">341,829</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table> </div><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">When disaggregating revenue, the Company considered all of the economic factors that may affect its revenues. Because its revenues are from bioprocessing customers, there are no differences in the nature, timing and uncertainty of the Company's revenues and cash flows from any of its product lines. However, given that the Company's revenues are generated in different geographic regions, factors such as regulatory, economic and geopolitical developments within those regions could impact the nature, timing and uncertainty of the Company's revenues and cash flows. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">Disaggregated revenue from contracts with customers by geographic region and revenue from significant customers can be found in Note 14, "Segment Reporting," included in this report. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">For more information regarding our product revenue, see Note 7, "Revenue Recognition" included in Part II, Item 8, "Financial Statements and Supplementary Data" to the Company's Form 10-K. </p><p style="margin-left:3.333%;font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:justify;">Contract Balances from Contracts with Customers</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">The following table provides information about receivables and deferred revenue from contracts with customers as of June 30, 2024 and December 31, 2023 (amounts in thousands):</p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:justify;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:69.014%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.523%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:11.462%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30,</p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31,</p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balances from contracts with customers only:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Accounts receivable</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 123,245 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">124,161</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Deferred revenue (included in accrued liabilities and
 other noncurrent liabilities in the condensed <br/> consolidated balance sheets)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 14,461 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10,755</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Revenue recognized during periods presented relating to:</p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">The beginning deferred revenue balance</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,818 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">18,751</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:justify;"> </p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">The timing of revenue recognition, billings and cash collections results in the accounts receivable and deferred revenue balances on the Company's condensed consolidated balance sheets.</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Revenues for the three and six months ended June 30, 2024 and 2023 were as follows:</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:30.598%;"></td> <td style="width:1.701%;"></td> <td style="width:1%;"></td> <td style="width:13.649999999999999%;"></td> <td style="width:1%;"></td> <td style="width:1.701%;"></td> <td style="width:1%;"></td> <td style="width:13.649999999999999%;"></td> <td style="width:1%;"></td> <td style="width:1.701%;"></td> <td style="width:1%;"></td> <td style="width:13.649999999999999%;"></td> <td style="width:1%;"></td> <td style="width:1.701%;"></td> <td style="width:1%;"></td> <td style="width:13.649999999999999%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Three Months Ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six Months Ended
June 30,</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="14" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Product revenue</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 154,038 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">159,133</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 305,348 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 341,754 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Royalty and other income </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 35 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 36 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 71 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 75 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Total revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">154,073</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 159,169 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">305,419</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 341,829 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"> </td> </tr></table>1540380001591330003053480003417540003500036000710007500015407300015916900030541900034182900 The following table provides information about receivables and deferred revenue from contracts with customers as of June 30, 2024 and December 31, 2023 (amounts in thousands): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:69.014%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:13.523%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:11.462%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> December 31, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Balances from contracts with customers only: </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Accounts receivable </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">123,245</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 124,161 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Deferred revenue (included in accrued liabilities and
  other noncurrent liabilities in the condensed
  consolidated balance sheets) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14,461</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 10,755 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Revenue recognized during periods presented relating to: </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> <span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">The beginning deferred revenue balance </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,818</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 18,751 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> </table>123245000124161000144610001075500068180001875100 6. Goodwill and Intangible Assets Goodwill The following table represents the change in the carrying value of goodwill for the six months ended June 30, 2024 (amounts in thousands):   <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.236%;"></td> <td style="width:1.94%;"></td> <td style="width:1%;"></td> <td style="width:15.823%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Balance at December 31, 2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">987,120</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Measurement period adjustment - Metenova</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(56</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Cumulative translation adjustment</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(1,451</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Balance at June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 985,613 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> The Company has not identified any “triggering” events which indicate an impairment of goodwill in the three and six months ended June 30, 2024. Intangible assets Indefinite-lived intangible assets are reviewed for impairment at least annually. There has been no impairment of the Company’s intangible assets for the periods presented. Intangible assets, net, consisted of the following at June 30, 2024:   <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.37%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:8.942%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30, 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Gross
Carrying
Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Accumulated
Amortization </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Net
Carrying
Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted
Average
Useful Life
(in years) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="10" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;">

</td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Finite-lived intangible assets; </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;"> </td> <td style="vertical-align:middle;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Technology - developed </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">246,917</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (51,796 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 195,121 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Patents </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 240 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (240 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 8 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 268,683 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 176,264 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 8,698 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (2,043 </td> <td style="white-space:nowrap;vertical-align:bottom;"> <span

style="color:#000000;min-width:fit-content;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,655 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other intangibles </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 3,859 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (2,786 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:center;"> 1,073 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 3 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total finite-lived intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 528,397 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> (149,284 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 379,113 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Indefinite-lived intangible asset: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> <span style="color:#000000;white-space:pre-wrap;min-width:fit-

content;">Total intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">529,097</p></td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (149,284 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">379,813</p></td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:middle;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> </table><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intangible assets, net, consisted of the following at December 31, 2023:</p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.42%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:10.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.02%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31, 2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Gross
Carrying
Value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Accumulated
Amortization</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Net
Carrying
Value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
Average
Useful Life
(in years)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="10" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Finite-lived intangible assets:</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:middle;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:middle;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Technology - developed</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 249,594 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(44,162</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 205,432 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-

wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Patents </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 240 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (240 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 8 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 269,949 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (83,963 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 185,986 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 8,757 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (1,789 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,968 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other intangibles </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 3,914 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (2,514 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,400 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 3 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total finite-lived intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-

family:Times New Roman;margin-bottom:0;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 532,454 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (132,668 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 399,786 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Indefinite-lived intangible asset: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">533,154</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (132,668 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 400,486 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> </table> Amortization expense for finite-lived intangible assets was $8.5 million and $7.5 million for each of the three months ended June 30, 2024 and 2023, respectively, and $17.2 million and $14.9 million for each of the six months ended June 30, 2024 and 2023, respectively. As of June 30, 2024, the Company expects to record the following amortization expense in future periods (amounts in thousands):   <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.236%;"></td> <td style="width:1.94%;"></td>

<td style="width:1%;"></td> <td style="width:15.823%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> Estimated </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> Amortization </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> For the Years Ended December 31, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Expense </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> 2024 (remaining six months) </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16,882</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2025</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,608</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2026</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,270</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2027</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,236</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2028</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,137</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2029 and thereafter</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">228,980</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 379,113 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> The following table represents the change in the carrying value of goodwill for the six months ended June 30, 2024 (amounts in thousands). <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.236%;"></td> <td style="width:1.94%;"></td> <td style="width:1%;"></td> <td style="width:15.823%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Balance at December 31, 2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 987,120 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Measurement period adjustment - Metenova </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (56 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Cumulative translation adjustment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (1,451 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Balance at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;">

</td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">985,613</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>987120000-560001451000985613000<p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Intangible assets, net, consisted of the following at June 30, 2024:</p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.37%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:8.942%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30, 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Gross
Carrying
Value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Accumulated
Amortization</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Net
Carrying
Value</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Weighted
Average
Useful Life
(in years)</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="10" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Finite-lived intangible assets:</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:middle;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:middle;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word,"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Technology - developed</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 246,917 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(51,796</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 195,121 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word,"> <td style="white-space:pre-wrap;vertical-align:top;"> Patents </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 240 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (240 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;">

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style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (92,419 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 176,264 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 8,698 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (2,043 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,655 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other intangibles </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 3,859 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (2,786 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,073 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 3 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total finite-lived intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 528,397 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (149,284 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 379,113 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15

</td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Indefinite-lived intangible asset: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;text-align:left;"> </td> <td style="vertical-align:middle;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">529,097</p></td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (149,284 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:middle;border-bottom:2.25pt double #000000;text-align:center;"> 379,813 </td> <td style="white-space:nowrap;vertical-align:middle;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:middle;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:left;"> </td> </tr> </table> Intangible assets, net, consisted of the following at December 31, 2023: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.42%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.200000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:10.18%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.02%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> December 31, 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Gross
Carrying
Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Accumulated
Amortization </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Net
Carrying
Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted
Average
Useful Life
(in years) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td

style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="10" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Finite-lived intangible assets: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:middle;"> </td> <td style="vertical-align:middle;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Technology - developed </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">249,594</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (44,162 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 205,432 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Patents </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 240 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 8 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Customer relationships </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 269,949 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (83,963 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 185,986 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 8,757 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-

wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (1,789 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,968 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 19 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other intangibles </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 3,914 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (2,514 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,400 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 3 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total finite-lived intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 532,454 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (132,668 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 399,786 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> 15 </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Indefinite-lived intangible asset: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Trademarks </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 700 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-

space:nowrap;vertical-align:middle;"> </td> <td style="white-space:pre-wrap;vertical-align:middle;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:middle;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total intangible assets </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">533,154</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> (132,668 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 400,486 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr>
</table>2469170005179600019512100OP16Y2400002400000P8Y26868300092419000176264000P15Y8698000204300066550000P19Y3859000278600010730000P3Y52839700001 style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">As of June 30, 2024, the Company expects to record the following amortization expense in future periods (amounts in thousands):   <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.236%;"></td> <td style="width:1.94%;"></td> <td style="width:1%;"></td> <td style="width:15.823%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> Estimated </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> Amortization </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> For the Years Ended December 31, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Expense </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> 2024 (remaining six months) </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16,882</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2025</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,608</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2026</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,270</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2027</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,236</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2028</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">33,137</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">2029 and thereafter</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">228,980</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 379,113 </td> <td style="white-

space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table>168820003360800033270000333360003313700022898000037911300 7. Consolidated Balance Sheet Detail Inventories, net Inventories, net consists of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:71.034%;"></td> <td style="width:1.72%;"></td> <td style="width:1%;"></td> <td style="width:10.762%;"></td> <td style="width:1%;"></td> <td style="width:1.72%;"></td> <td style="width:1%;"></td> <td style="width:10.762%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> June 30, </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> December 31, </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Raw materials </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">111,487</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 123,598 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Work-in-process </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5,248 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4,492 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Finished products </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 73,793 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 74,231 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total inventories, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">190,528</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 202,321 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> Assets held for sale During the first quarter of 2024, the Company's management decided it would explore a sale of the Company's property located at 119 Fredon Springdale Road, Fredon, New Jersey (the "BioFlex Property") and engaged a broker to assist with the sale process. As of June 30, 2024, the Company continues to conduct a sale process for the BioFlex Property, with the expectation of completing the sale by the end of 2024. As a result of these actions, the sale of the BioFlex Property meets the criteria to be classified as assets held-for-sale pursuant to ASC 360, "Impairment and Disposal of Long-Lived Assets." Therefore, the Company recorded $1.0 million in assets held for sale in our condensed consolidated balance sheet as of June 30, 2024.

Assets held for sale as of June 30, 2024 (for which there were no comparable amounts as of December 31, 2023) consist of the following (amounts in thousands): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:82.08%;"></td> <td style="width:2%;"></td> <td style="width:1%;"></td> <td style="width:13.92%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Land </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">101</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Buildings</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">915</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total assets held for sale</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1,016 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> Property, plant and equipment, net Property, plant and equipment, net consist of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:69.46%;"></td> <td style="width:1.511%;"></td> <td style="width:1%;"></td> <td style="width:10.781%;"></td> <td style="width:1%;"></td> <td style="width:3.467%;"></td> <td style="width:1%;"></td> <td style="width:10.781%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> December 31, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Land </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">831</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 992 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Buildings </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 697 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,667 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Leasehold improvements </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 128,455

</td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 126,663 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 114,013 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 114,606 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Furniture, fixtures and office equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,046 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,077 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Computer hardware and software </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 39,942 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 35,528 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Construction in progress </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 54,334 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 47,086 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 501 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 544 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total property, plant and equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 347,819 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 336,163 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Less - Accumulated depreciation </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (143,220 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (128,723 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total property, plant and equipment, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 204,599 </td> <td

style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">207,440</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> </table></div><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Accrued liabilities</p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Accrued liabilities consist of the following:</p><p style="margin-left:3.333%;font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:62.1%;"></td> <td style="width:12.8%;"></td> <td style="width:1%;"></td> <td style="width:9.8%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:9.8%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#fffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30,</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31,</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#fffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #fffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="6" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Employee compensation</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 23,438 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16,660</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#fffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Deferred revenue</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">14,001</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">10,287</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Income taxes payable</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">573</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">6,814</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#fffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Other</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">19,839</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">16,772</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:10pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total accrued liabilities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 57,851 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #fffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> <span style="font-size:8pt;color:#000000;white-space:pre-wrap;

space:pre-wrap;min-width:fit-content;">50,533 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> Inventories, net consists of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:71.034%;"></td> <td style="width:1.72%;"></td> <td style="width:1%;"></td> <td style="width:10.762%;"></td> <td style="width:1%;"></td> <td style="width:1.72%;"></td> <td style="width:1%;"></td> <td style="width:10.762%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> June 30, </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> December 31, </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Raw materials </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">111,487</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 123,598 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Work-in-process </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5,248 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4,492 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Finished products </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 73,793 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 74,231 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total inventories, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">190,528</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 202,321 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table>1114870001235980005248000449200073793000742311001905280002023210001000000 Assets held for sale as of June 30, 2024 (for which there were no comparable amounts as of December 31, 2023) consist of the following (amounts in thousands): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:82.08%;"></td> <td style="width:2%;"></td> <td style="width:1%;"></td> <td style="width:13.92%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> <span style="color:#000000;white-space:pre-wrap;min-

width:fit-content;">Land </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">101</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Buildings</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">915</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Total assets held for sale</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1,016 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table>10100091500010160000 Property, plant and equipment, net Property, plant and equipment, net consist of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:69.46%;"></td> <td style="width:1.511%;"></td> <td style="width:1%;"></td> <td style="width:10.781%;"></td> <td style="width:1%;"></td> <td style="width:3.467%;"></td> <td style="width:1%;"></td> <td style="width:10.781%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> June 30, </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:left;"> December 31, </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Land </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">831</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 992 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Buildings </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 697 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,667 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Leasehold improvements </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 128,455 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 114,013 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 114,606 </td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Furniture, fixtures and office equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,046 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 9,077 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Computer hardware and software </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 39,942 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 35,528 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Construction in progress </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 54,334 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 47,086 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 501 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 544 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total property, plant and equipment </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 347,819 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 336,163 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Less - Accumulated depreciation </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (143,220 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (128,723 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total property, plant and equipment, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">204,599</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 207,440 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr>
</table>831000992000697000166700012845500012666300011401300011460600090460009077000399420003552800054334000470860005010005440003478190003361630(
style="margin-left:3.333%;font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">Accrued liabilities Accrued liabilities consist of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:62.1%;"></td> <td style="width:12.8%;"></td> <td style="width:1%;"></td> <td style="width:9.8%;"></td> <td style="width:1%;"></td> <td style="width:1.5%;"></td> <td style="width:1%;"></td> <td style="width:9.8%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;"> June 30, </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> December 31, </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Employee compensation </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">23,438</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 16,660 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Deferred revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 14,001 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 10,287 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Income taxes payable </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 573 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,814 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Other </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 19,839 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 16,772 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total accrued liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">57,851</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 50,533 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr>
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bottom:0;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30,
2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> December 31,
2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> 1.00% Convertible Senior Notes due 2028: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Principal amount </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">600,000</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 600,000 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Unamortized debt discount </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (74,733 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (81,457 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Unamortized debt issuance costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (7,542 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (8,400 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Carrying amount - Convertible Senior Notes due 2028, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">517,725</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 510,143 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> 0.375% Convertible Senior Notes due 2024: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Principal amount </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 69,504 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">69,700</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Unamortized debt issuance costs</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(23</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(248</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Carrying amount - Convertible Senior Notes due 2024, net</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 69,481 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 69,452 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> 1.00% Convertible Senior Notes due 2028 On December 14, 2023, the Company issued $600.0 million aggregate principal amount of its 2023 Notes in the Exchange and Subscription Agreements with a limited number of holders of its outstanding 2019 Notes and certain other qualified institutional buyers pursuant to Rule 144A under the Securities Act. Pursuant to the Exchange and Subscription Agreements and to the Exchange Transaction, the Company issued $290.1 million aggregate principal amount of the 2023 Notes in a private placement to accredited institutional buyers (the “Subscription Transactions”) for $290.1 million in cash. The Company evaluated the Exchange Transaction and determined approximately $29.6 million of the $217.7 million principal of the exchanged 2019 Notes should be accounted for as extinguishments of debt and approximately $188.1 million should be accounted for as modification of debt. As a result, the Company recognized a $12.7 million loss on extinguishments of debt in its consolidated statements of comprehensive income (loss) for the year ended December 31, 2023, inclusive of $0.1 million of unamortized debt issuance costs. Under debt modification accounting, the carrying amount of the modified 2019 Notes was reduced by $2.8 million, with a corresponding increase to additional paid-in capital, to account for the increase in the fair value of the embedded conversion option, representing a debt discount of the modified 2019 Notes. The aggregate debt discount of $74.7 million as of June 30, 2024, comprised of $ 72.2 million increase in principal of the modified 2019 Notes and a $2.5 million increase in the fair value of the embedded conversion option. The aggregate debt discount of $81.5 million as of December 31, 2023, comprised of $78.7 million increase in principal of the modified 2019 Notes and a $2.8 million increase in the fair value of the embedded conversion option. These amounts are presented as a direct reduction from the carrying value of the convertible debt in their respective periods presented in our condensed consolidated balance sheets. This amount is being accreted into interest expense in the condensed consolidated statements of comprehensive income (loss) using the effective interest method over the term of the 2023 Notes. Proceeds from the Subscription Transactions were $276.1 million, net of debt issuance costs of $13.9 million. The Exchange Transaction resulted in $6.2 million of the debt issuance costs related to the modified 2019 Notes, which were expensed as incurred in accordance with debt modification accounting, and $7.7 million of deferred debt issuance costs related to the 2023 Notes, which were recorded as a direct deduction to the carrying value of the 2023 Notes on the Company’s condensed consolidated balance sheets. The Company is amortizing the $7.7 million of debt issuance costs of the 2023 Notes into amortization of debt issuance costs in the Company’s condensed consolidated statements of comprehensive income (loss) over the remaining term of the 2023 Notes. The carrying value of the 2023 Notes of <span style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Times New Roman;min-width:fit-content;">$517.7 million and $510.1 million is included in long-term debt on the Company’s condensed consolidated balance sheets as of June 30, 2024 and December 31, 2023, respectively. The Company used $14.4 million of the proceeds from the Subscription Transactions to repurchase shares of its common stock from certain purchasers of the 2023 Notes. For more information regarding this see Note 12, “Stockholders’ Equity - Share Repurchases” included in Part II, Item 8, “Financial Statements and Supplementary Data,” to the Company’s Form

10-K. The Company will also use a portion of the proceeds to finance in part, the settlement upon conversion or repurchase of the remaining 2019 Notes at maturity. See Note 15, “Subsequent Events - Maturity of the Remaining 2019 Notes” below for more information on the redemption of the 2019 Notes. The remainder of the proceeds will be used for working capital. The 2023 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 1.00% per year. Interest is payable semi-annually in arrears on each of June 15 and December 15, which commenced on June 15, 2024. The 2023 Notes will mature on December 15, 2028, unless earlier redeemed, repurchased or converted. During the second quarter of 2024, the closing price of the Company’s common stock did not exceed 130% of the conversion price of the 2023 Notes for more than 20 trading days of the last 30 consecutive trading of the quarter. As a result, the 2023 Notes are not convertible at the option of the holders of the 2023 Notes during the third quarter of 2024, the quarter immediately following the quarter when the conditions are met, as stated in the indenture governing the 2023 Notes. Because the 2023 Notes were not convertible as of June 30, 2024, the Company classifies the carrying value of the 2023 Notes of $517.7 million as noncurrent liabilities on the Company’s condensed consolidated balance sheet at June 30, 2024. The initial conversion rate for the 2023 Notes is 4.9247 shares of the Company’s common stock per $1,000 principal amount of 2023 Notes, which is equivalent to an initial conversion price of $203.06 per share and represents a 30% premium over the last reported sale price of $156.20 per share on December 6, 2023, the date on which the 2023 Notes were priced. Prior to the close of business on the business day immediately preceding September 15, 2028, the 2023 Notes will be convertible at the option of the holders of 2023 Notes only upon the satisfaction of the specified conditions mentioned above and during certain quarters commencing after the calendar quarter ending on March 31, 2024, into cash up to their principal amount, and into cash, shares of the Company’s common stock or a combination thereof, at the Company’s election, for the conversion value above the principal amount, if any. Thereafter until the close of business on the second scheduled trading day immediately preceding the maturity date, the 2023 Notes will be convertible at the option of the holders of 2023 Notes at any time regardless of these conditions. The Company may redeem for cash, all or a portion of the 2023 Notes, at its option, on or after December 18, 2026 and prior to the 21st scheduled trading day immediately preceding the maturity date at a redemption price of 100% of the principal amount of the 2023 Notes to be redeemed, plus accrued and unpaid interest to, but excluding the redemption date, if certain conditions are met in accordance to the 2023 Notes Indenture. For more information on </p><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:0;text-align:left;">the 2023 Notes, see Note 14, “Convertible Senior Notes,” included in Part II, Item 8, “Financial Statements and Supplementary Data,” to the Company’s Form 10-K.</p><div style="font-size:10pt;font-family:Times New Roman;"><p style="margin-left:3.333%;font-size:10pt;margin-top:6pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The following table sets forth total interest expense recognized related to the 2023 Notes for the three and six months ended June 30, 2024 for which there were no comparable amounts for the same periods of 2023:</p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:95.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:64.633%;"></td><td style="width:1.56%;"></td><td style="width:1%;"></td><td style="width:14.123000000000001%;"></td><td style="width:1%;"></td><td style="width:1.56%;"></td><td style="width:1%;"></td><td style="width:14.123000000000001%;"></td><td style="width:1%;"></td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Three Months Ended
June 30,</p></td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">Six Months Ended
June 30,</p></td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2024</p></td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td colspan="6" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands, except percentage data)</p></td><td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Contractual interest expense - 2023 Notes</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,500 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,000 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt discount – 2023 Notes </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,398 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-

align:right;">6,724 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt issuance costs – 2023 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 408 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 815 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,306</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 10,539 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Effective interest rate of the liability component </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 4.39 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 4.39 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr></table> At June 30, 2024 and December 31, 2023, the carrying value of the 2023 Notes was $517.7 million and $510.1 million, respectively, net of unamortized discount, and the fair value of the 2023 Notes was $497.4 million and $596.0 million, respectively. The fair value of the 2023 Notes was determined based on the most recent trade activity of the 2023 Notes at June 30, 2024 and December 31, 2023. 0.375% Convertible Senior Notes due 2024 The Company issued $287.5 million aggregate principal amount of the 2019 Notes on July 19, 2019 in a transaction which included the underwriters' exercise in full of an option to purchase an additional $37.5 million aggregate principal amount of the 2019 Notes (the "Notes Offering"). The net proceeds of the Notes Offering, after deducting underwriting discounts and commissions and other related offering expenses payable by the Company, were approximately $278.5 million. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. The 2019 Notes are senior, unsecured obligations of the Company, and bear interest at a rate of 0.375% per year, Interest is payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020. The remaining 2019 Notes matured on July 15, 2024. The initial conversion rate for the 2019 Notes is 8.6749 shares of the Company's common stock per $1,000 principal amount of 2019 Notes (which is equivalent to an initial conversion price of approximately $115.28 per share). The 2019 Notes are convertible as of June 30, 2024 at the option of the holders at any time regardless of prior conditions that were in place and were convertible until the close of business on July 11, 2024, the second scheduled trading day immediately preceding the maturity date. The 2019 Notes are not redeemable by the Company prior to maturity. See Note 15, "Subsequent Event - Maturity of the Remaining 2019 Notes" below for more information on the July 15, 2024 maturity. As of the date of this filing, excluding the Exchange Transaction mentioned above, the Company has received requests to convert $0.3 million aggregate principal amount of the 2019 Notes and all have been settled as of June 30, 2024. These conversions resulted in the issuance of a nominal number of shares of the Company's common stock to the note holders. Because the 2019 Notes matured in July 2024, the Company classified the carrying value of the 2019 Notes as current liabilities on the Company's condensed consolidated balance sheets at June 30, 2024. The following table sets forth total interest expense recognized related to the 2019 Notes: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:95.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.109%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:10.232000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:10.232000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;">

</td> <td style="width:1%;"></td> <td style="width:8.851%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:8.851%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left,"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands, except percentage data) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Contractual interest expense - 2019 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">65</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 269 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">130</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 539 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt issuance costs - 2019 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 112 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 457 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 224 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 914 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left,"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">177</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 726 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt

double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">354</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1,453 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Effective interest rate of the liability component </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr> </table> At June 30, 2024 and December 31, 2023, the carrying value of the 2019 Notes was $69.5 million, respectively, net of unamortized discount, and the fair value of the 2019 Notes was $82.6 million and $109.8 million, respectively. The fair value of the 2019 Notes was determined based on the most recent trade activity of the 2019 Notes at June 30, 2024 and December 31, 2023.</p><p style="margin-left:3.333%;font-size:10pt;margin-top:12pt;font-family:Times New Roman;margin-bottom:6pt;text-align:left;">The carrying value of the Company's convertible senior notes is as follows:</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:95.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:64.633%;"></td> <td style="width:1.56%;"></td> <td style="width:1%;"></td> <td style="width:14.123000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.56%;"></td> <td style="width:1%;"></td> <td style="width:14.123000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">June 30,
2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">December 31,
2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td colspan="6" style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">(Amounts in thousands)</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">1.00% Convertible Senior Notes due 2028:</p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Principal amount</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 600,000 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 600,000 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Unamortized debt discount </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-

top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(74,733 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (81,457 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Unamortized debt issuance costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (7,542 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (8,400 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Carrying amount - Convertible Senior Notes due 2028, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">517,725</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 510,143 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> 0.375% Convertible Senior Notes due 2024: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Principal amount </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">69,504</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 69,700 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Unamortized debt issuance costs </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (23 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (248 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;">) </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Carrying amount - Convertible Senior Notes due 2024, net </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">69,481</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 69,452 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr>
</table>600000000060000000007473300081457000754200084000005177250005101430006950400069700000230002480000694810006945200060000000029010000029010000(
is payable semi-annually in arrears on each of June 15 and December 15, which commenced on June 15, 20242028-12-151.3020305177000004924.70001000203.060.30156.21 The following table sets forth total interest expense recognized related to the 2023 Notes for the three and six months ended June 30, 2024 for which there were no comparable amounts for the same periods of 2023: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:95.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:64.633%;"></td> <td style="width:1.56%;"></td> <td style="width:1%;"></td> <td style="width:14.123000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.56%;"></td> <td style="width:1%;"></td> <td style="width:14.123000000000001%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;border-

bottom:0.5pt solid #000000;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;"> (Amounts in thousands, except percentage data) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Contractual interest expense - 2023 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,500</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,000 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt discount - 2023 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 3,398 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,724 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt issuance costs - 2023 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 408 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 815 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,306</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 10,539 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Effective interest rate of the liability component </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 4.39 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 4.39 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr></table>1500000300000033980006724000408000081500053060001053900000.04390.043951770000051010000049740000059600000028750000037500000278500000697000006is payable semi-annually in arrears on January 15 and July 15 of each year, beginning on January 15, 2020.2024-07-158.67491000115.28300000 The following table sets forth total interest expense recognized related to the 2019 Notes: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:95.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.109%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:10.232000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:10.232000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:8.851%;"></td> <td style="width:1%;"></td> <td style="width:1.181%;"></td> <td style="width:1%;"></td> <td style="width:8.851%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times

*New Roman;margin-bottom:0;text-align:left;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#fffffc;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands, except percentage data) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Contractual interest expense - 2019 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">65</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 269 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">130</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 539 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Amortization of debt issuance costs - 2019 Notes </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 112 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 457 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 224 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 914 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">177</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 726 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">354</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New*

Roman;margin-bottom:0;text-align:right;">1,453 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Effective interest rate of the liability component </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 1.00 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr>
</table>650002690001300005390001120045700022400091400017700072600035400014530000.010.010.010.016950000069500000826000001098000000 9. Stockholders’ Equity Stock Option and Incentive Plans Under the Company’s current 2018 Stock Option and Incentive Plan (the “2018 Plan”), the number of shares of the Company’s common stock that were reserved and available for issuance is 2,778,000, plus the number of shares of common stock that were available for issuance under the Company’s previous equity plans. The shares of common stock underlying any awards under the 2018 Plan and previous equity plans (together, the “Plans”) that are forfeited, canceled or otherwise terminated (other than by exercise) shall be added back to the shares of stock available for issuance under the 2018 Plan. At June 30, 2024, 1,523,889 shares were available for future grants under the 2018 Plan. Chief Executive Officer Accounting Modifications On June 12, 2024, upon approval by the Board, the Company entered into the Fourth Amended and Restated Employment Agreement (the “Transition Agreement”) with the Company’s Chief Executive Officer (“CEO”), Tony J. Hunt, which amends and restates Mr. Hunt’s Third Amended and Restated Employment Agreement with the Company dated as of May 26, 2022. Under the terms of the Transition Agreement, Mr. Hunt will relinquish his position as the Company’s CEO effective September 1, 2024 (the “Transition Date”) and will transition to a new role as Executive Chair of the Board beginning on the Transition Date (the “CEO Transition”). It is anticipated that Mr. Hunt will continue to be involved in the business as the Executive Chair of the Board until March 2026 and will continue to be employed by the Company as an advisor thereafter, until March 2027. Under the terms of the Transition Agreement and the award agreements governing Mr. Hunt’s outstanding equity awards, Mr. Hunt’s unvested stock awards will continue to vest in accordance with their original terms. Furthermore, on June 28, 2024, the Company entered into an amendment (the “2024 Award Amendment”) to the equity awards granted to Mr. Hunt in 2024, which consisted of a stock option, restricted stock units (“RSUs”) and performance stock units (“PSUs” and together the “2024 Grants”). Pursuant to the terms of the 2024 Award Amendment, two-thirds of the 2024 Grants were forfeited, which equates to 32,776 shares of the Company’s common stock. Although Mr. Hunt’s unvested equity awards continue to vest in accordance with their original terms and there has been no amendment to Mr. Hunt’s outstanding equity awards other than the 2024 Award Amendment, the Company determined that under ASC 718, “Compensation - Stock Compensation”, the CEO Transition represents a significant reduction in Mr. Hunt’s operating role with the Company for accounting purposes. This determination resulted in a Type III accounting modification of certain of Mr. Hunt’s unvested stock awards (improbable to probable) under ASC 718 (the “Equity Modification”) on June 12, 2024. As a result, for accounting purposes only, Mr. Hunt’s unvested awards were deemed cancelled and a new grant issued for his unvested shares with the value of these awards recalculated using a price of $136.00 per share, which was the opening stock price of the first day of trading following the public announcement of the CEO Transition. As a result of the Equity Modification, the Company will recognize stock-based compensation expense for the modified awards of $22.4 million over the remaining requisite service period, which the Company determined to be between June 13, 2024 and September 1, 2024 and represents the remaining service period of Mr. Hunt’s role as CEO. The Company determined that the PSUs granted to Mr. Hunt in 2022 and 2023 should be accounted for as a Type IV accounting modification (improbable to improbable) in accordance with ASC 718, because vesting conditions before and after June 12, 2024 were improbable of being achieved. As a result of the Equity Modification and the forfeiture of the pro-rata portion of Mr. Hunt’s 2024 Grants, the Company recognized $4.4 million of incremental stock-based compensation expense for the three and six months ended June 30, 2024. Stock Issued for Earnout Payments In April 2024, the Company issued 28,638 shares of its common stock to former securityholders of Avitide to satisfy the contingent consideration obligation established under the Agreement and Plan of Merger and Reorganization (the “Avitide Agreement”) which the Company entered into as part of the acquisition of Avitide in September 2021. In March 2024, the Company issued 2,770 shares of its common stock to former securityholders of FlexBiosys to satisfy the contingent consideration obligation established under the FlexBiosys Agreement, which the Company entered into as part of the acquisition of FlexBiosys in April 2023. See Note 4, “Acquisitions”, included in Part II, Item 8, “Financial Statements and Supplementary Data,” to the Company’s Form 10-K for additional information on the acquisitions of Avitide and FlexBiosys and the contingent consideration. The shares issued to FlexBiosys represent 20% of the earnout consideration earned in the First Earnout Year (as defined in the FlexBiosys Agreement) and the shares issued to Avitide represents <span style="font-size:10pt;font-family:Times New Roman;color:#000000;white-space:pre-wrap;min-width:fit-

content;">50% of the earnout consideration earned in the Second Earnout Year (as defined in the Avitide Agreement). Stock-Based Compensation The following table presents stock-based compensation expense in the Company's condensed consolidated statements of comprehensive income (loss): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:55.049%;"></td><td style="width:1.34%;"></td><td style="width:1%;"></td><td style="width:7.898%;"></td><td style="width:1%;"></td><td style="width:1.34%;"></td><td style="width:1%;"></td><td style="width:7.898%;"></td><td style="width:1%;"></td><td style="width:1.34%;"></td><td style="width:1%;"></td><td style="width:7.898%;"></td><td style="width:1%;"></td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"> </td><td style="vertical-align:bottom;"> </td><td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="vertical-align:bottom;"> </td><td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td><td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"><td style="vertical-align:bottom;"> </td><td style="vertical-align:bottom;"> </td><td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands) </td><td style="vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Cost of goods sold </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">498</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 522 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,102</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,113 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Research and development </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 503 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 608 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,447 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,395 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative(1) </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 8,213 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 4,353 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 15,441 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 10,229 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:15pt;white-space:pre-wrap;vertical-align:top;"> Total stock-based compensation </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9,214</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 5,483 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">17,990</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 12,737 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> </tr> </table> (1) Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above. Stock Options Information regarding option activity for the six months ended June 30, 2024 under the Plans is summarized below: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.11%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:8.942%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Shares </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted
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Average
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(in Years) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Aggregate
Intrinsic
Value
(in Thousands) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Options outstanding at December 31, 2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 649,130 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;">

$</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">85.97</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Granted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60,736</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 184.66 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Exercised </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (26,661 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">67.08</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Forfeited/expired/cancelled(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22,027</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 192.07 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Options outstanding at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 661,178 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 92.26 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Options exercisable at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-

size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 413,411 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">74.55</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Vested and expected to vest at June 30, 2024(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">655,251</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 91.51 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5.41 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 35,463 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> </table> (1) Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under “Chief Executive Officer Accounting Modifications”. (2) Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees.   The aggregate intrinsic value in the table above represents the total pre-tax intrinsic value (the difference between the closing price of the common stock on June 28, 2024, the last business day of the second quarter of 2024, of $126.06 per share and the exercise price of each in-the-money option) that would have been received by the option holders had all option holders exercised their options on June 30, 2024. The aggregate intrinsic value of stock options exercised during the six months ended June 30, 2024 and 2023 was $2.6 million and $0.7 million, respectively. The weighted average grant date fair value of options granted during the six months ended June 30, 2024 and 2023 was $93.65 and $86.30, respectively. Stock Units The fair value of stock units is calculated using the closing price of the Company’s common stock on the date of grant. The Company recognizes expense on awards with service-based vesting over the employee’s requisite service period on a straight-line basis. The Company recognizes expense on performance-based awards over the vesting period based on the probability that the performance metrics will be achieved. Information regarding stock unit activity, which includes activity for restricted stock units and performance stock units, for the six months ended June 30, 2024 under the Plans is summarized below: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:65.92%;"></td> <td style="width:1.12%;"></td> <td style="width:1%;"></td> <td style="width:13.12%;"></td> <td style="width:1%;"></td> <td style="width:1.6%;"></td> <td style="width:1%;"></td> <td style="width:12.64%;"></td> <td style="width:1%;"></td> <td style="width:1.6%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Shares </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted Average
Grant Date
Fair Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Unvested at December 31,

2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 474,320 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">155.59</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Awarded</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178,252</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 188.57 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Vested </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 125,820 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143.87</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Forfeited/cancelled(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(69,442</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 189.15 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Unvested at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 457,310 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">166.59</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Vested and expected to vest at June 30, 2024(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">397,312</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 164.77 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> </table> (1) Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under "Chief Executive Officer Accounting Modifications". (2) Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8<span style="color:#000000;white-

space:pre-wrap;font-size:8pt;font-family:Times New Roman;min-width:fit-content;">% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. The aggregate intrinsic value of stock units vested during the six months ended June 30, 2024 and 2023 was $23.5 million and $29.6 million, respectively. The weighted average grant date fair value of stock units granted during the six months ended June 30, 2024 and 2023 was $188.57 and $176.86, respectively. As of June 30, 2024, there was $73.3 million of total unrecognized compensation cost related to unvested share-based awards. This cost is expected to be recognized over a weighted average remaining requisite service period of 2.59 years. The Company expects 2,267,696 unvested options and stock units to vest over the next five years.
27780001523889327761362240000044000004400000286382770 0.200.50 The following table presents stock-based compensation expense in the Company's condensed consolidated statements of comprehensive income (loss): <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:55.049%;"></td> <td style="width:1.34%;"></td> <td style="width:1%;"></td> <td style="width:7.898%;"></td> <td style="width:1%;"></td> <td style="width:1.34%;"></td> <td style="width:1%;"></td> <td style="width:7.898%;"></td> <td style="width:1%;"></td> <td style="width:1.34%;"></td> <td style="width:1%;"></td> <td style="width:7.898%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Cost of goods sold </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">498</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 522 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">1,102</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,113 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Research and development </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 503 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 608 </td> <td style="white-space:nowrap;vertical-align:bottom;">

</td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,447 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,395 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Selling, general and administrative(1) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 8,213 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 4,353 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 15,441 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 10,229 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:15pt;white-space:pre-wrap;vertical-align:top;"> Total stock-based compensation </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">9,214</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 5,483 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">17,990</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 12,737 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> </tr> </table> (1) Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above.
498000522000110200011130005030006080001447000139500082130004353000154410001022900092140005483000179900001273700044000004400000 Information regarding option activity for the six months ended June 30, 2024 under the Plans is summarized below: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50.11%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:8.942%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:9.662%;"></td> <td style="width:1%;"></td> <td style="width:1.22%;"></td> <td style="width:1%;"></td> <td style="width:9.182%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Shares </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> <span

style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">Weighted
average
exercise
price </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted-
Average
Remaining
Contractual
Term
(in Years) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Aggregate
Intrinsic
Value
(in Thousands) </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Options outstanding at December 31, 2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 649,130 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">85.97</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">60,736</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 184.66 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Granted </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 67.08 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Exercised </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (26,661 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">67.08</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Forfeited/expired/cancelled(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(22,027</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 192.07 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Options outstanding at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-

wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 661,178 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">92.26</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Options exercisable at June 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">413,411</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 74.55 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Vested and expected to vest at June 30, 2024(2) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">91.51</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5.41</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left,"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 35,463 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> </table> (1) Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under “Chief Executive Officer Accounting Modifications”. (2) Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees. 64913085.9760736184.662666167.0822027192.0766117892.2641341174.5565525191.51P5Y4M28D35463000130570.080.03126.0626000007000093.6586.3Information regarding stock unit activity, which includes activity for restricted stock units and performance stock units, for the six months ended June 30, 2024 under the Plans is summarized below: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:65.92%;"></td> <td style="width:1.12%;"></td> <td style="width:1%;"></td> <td style="width:13.12%;"></td> <td style="width:1%;"></td> <td style="width:1.6%;"></td> <td style="width:1%;"></td> <td style="width:12.64%;"></td> <td style="width:1%;"></td> <td style="width:1.6%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Shares </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Weighted Average
Grant Date
Fair Value </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:left;">Unvested at December 31, 2023 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 474,320 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">155.59</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Awarded</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">178,252</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 188.57 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Vested </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (125,820 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">143.87</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Forfeited/cancelled(1)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">(69,442</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 189.15 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Unvested at June 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 457,310 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">166.59</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Vested and expected to vest at June 30, 2024(2)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">397,312</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 164.77 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> </tr></table> (1) Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under “Chief Executive Officer Accounting Modifications”. Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3<span style="color:#000000;white-

space:pre-wrap;font-size:8pt;font-family:Times New Roman;min-width:fit-content;">% for awards granted to executive level employees.474320155.59178252188.57125820143.8769442189.15457310166.59397312164.771314665730.080.0323500000296000001 88.57176.8673300000P2Y7M2D2267696P5 class="item-list-element-wrapper" style="display:flex;margin-top:12pt;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:3.333%;text-align:left;">10. Commitments and Contingencies Collaboration Agreements The Company licenses certain technologies that are, or may be, incorporated into its technology under several agreements and also has entered into several clinical research agreements that require the Company to fund certain research projects. Generally, the license agreements require the Company to pay annual maintenance fees and royalties on product sales once a product has been established using the technologies. Research and development expenses associated with license agreements were immaterial amounts for the three and six months ended June 30, 2024 and 2023. In June 2018, the Company secured an agreement with Navigo Proteins GmbH (“Navigo”) for the exclusive co-development of multiple affinity ligands for which the Company holds commercialization rights. The Company is manufacturing and supplying the first of these ligands, NGL-Impact®, exclusively to Purolite Life Sciences, an Ecolab Inc. company (“Purolite”), who is pairing the Company’s high-performance ligand with Purolite’s agarose jetting base bead technology used in their Jetted A50 Protein A resin product. The Company also signed a long-term supply agreement with Purolite for NGL-Impact and other potential additional affinity ligands that may advance from the Company’s Navigo collaboration. In September 2020, the Company and Navigo successfully completed co-development of an affinity ligand targeting the SARS-CoV-2 spike protein, that was used in the purification of vaccines for the COVID-19 pandemic, including emerging variants of the SARS-CoV-2 coronavirus. The Company has proceeded with scaling up and manufacturing this ligand and the development and validation of the related affinity chromatography resin, which is marketed by the Company. In September 2021, the Company and Navigo successfully completed co-development of a novel affinity ligand that addresses aggregation issues associated with pH sensitive antibodies and Fc-fusion proteins. The Company is manufacturing and supplying this ligand, NGL-Impact® HipH, to Purolite. The Navigo and Purolite agreements are supportive of the Company’s strategy to secure and reinforce the Company’s proteins business. The Company made royalty payments to Navigo of $0.9 million and $1.2 million for the three months ended June 30, 2024 and 2023, respectively, and payments of $1.7 million and $2.3 million for the six months ended June 30, 2024 and 2023, respectively. Legal Proceedings From time to time, in the normal course of its operations, the Company is subject to litigation matters and claims relating to employee relations, business practices and patent infringement. Litigation can be expensive and disruptive to normal business operations. Moreover, the results of complex legal proceedings are difficult to predict, and the Company’s view of these matters may change in the future as the litigation and events related thereto unfold. The Company expenses legal fees as incurred. The Company records a provision for contingent losses when it is both probably that a liability has been incurred and the amount of the loss can be reasonably estimated. An unfavorable outcome to any legal matter, if material, could have an adverse effect on the Company’s operations or its financial results. 900000120000017000002300000 11. Income Taxes For the three and six months ended June 30, 2024, the Company recorded an income tax provision of $1.9 million for each respective period. The Company’s effective tax rate for the three and six months ended June 30, 2024 was 35.9% and 25.8%, respectively, compared to 20.3% and 20.2% for the corresponding periods in the prior year. In 2021, the Organization of Economic Co-operation and Development announced an Inclusive Framework on Base Erosion and Profit Sharing with the goal of achieving consensus around substantial changes to international tax policies, including the implementation of a minimum global effective tax rate of 15%. The Company continues to evaluate the impacts of enacted legislation and pending legislation in the tax jurisdictions in which the Company operates. While various countries have implemented the legislature as of January 1, 2024, the Company does not expect a resulting material impact to its income tax provision for the 2024 fiscal year. 190000019000000.3590.2580.2030.2020.15 12. Earnings Per Share A reconciliation of basic and diluted weighted average shares outstanding is as follows: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:93.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:45.72%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:11.96%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> <td style="width:1.14%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> <span

style="color:#000000;white-space:pre-wrap;font-weight:bold;min-width:fit-content;">2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands, except per share data) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Numerator: </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Net income </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,321</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 20,064 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,415</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 48,893 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Denominator: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Weighted average shares used in computing net income per share - basic </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,884 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,705 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,838 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;">

55,648 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Effect of dilutive shares: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Options and stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 391 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 451 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 437 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 487 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Convertible senior notes(1) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 159 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 701 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 202 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 797 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Dilutive effect of unvested performance stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:15pt;white-space:pre-wrap;vertical-align:top;"> Dilutive potential common shares </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 550 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> <span style="font-size:8pt;color:#000000;white-

space:pre-wrap;min-width:fit-content;">1,153 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,284 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Denominator for diluted earnings per share - adjusted
  weighted average shares used in computing
  earnings per share – diluted </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,434 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,858 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,477 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,932 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="text-indent:5pt;vertical-align:top;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Earnings per share: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Basic </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.06</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.36 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.88 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Diluted </td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.06</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.35 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.10</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.86 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> (1) Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information. For the three and six months ended June 30, 2024, 479,482 shares and 358,633 shares, respectively, of the Company's common stock were excluded from the calculation of diluted earnings per share because the exercise prices of the stock options were greater than or equal to the average price of the common shares and were therefore anti-dilutive. Comparatively, for the three and six months ended June 30, 2023, 456,315 shares and 400,909 shares, respectively, were considered anti-dilutive. In July 2019, the Company issued $287.5 million aggregate principal amount of its 2019 Notes. As provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, upon conversion of the 2019 Notes, the Company will use a combination of cash and shares of the Company's common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. On December 14, 2023, the Company exchanged, in a privately negotiated exchange, $309.9 million principal amount of 2023 Notes for $217.7 million principal amount of 2019 Notes and issued $290.1 million aggregate principal amount of 2023 Notes for $290.1 million in cash. Immediately following the closing of the Exchange Transaction mentioned above, $69.7 million in aggregate principal amount of the 2019 Notes remained outstanding as of December 31, 2023 with terms unchanged. As of June 30, 2024, subsequent to the conversion of another $0.2 million, $69.5 million in aggregate principal amount remains outstanding. As mentioned above and as provided by the terms of the Second Supplemental Indenture underlying the 2019 Notes, the Company irrevocably elected to settle the conversion obligation for the 2019 Notes in a combination of cash and shares of the Company's common stock. This means the Company will settle the par value of the 2019 Notes in cash and any excess conversion premium in shares. The Company is required to reflect the dilutive effect of the convertible securities by application of the "if-converted" method, which means the denominator of the EPS calculation would include the total number of shares assuming the 2019 Notes had been fully converted at the beginning of the period. Accordingly, the par value of the 2019 Notes was not included in the calculation of diluted earnings per share, but the dilutive effect of the conversion premium was considered in the calculation of diluted earnings per share using the treasury stock method. The dilutive impact of the 2019 Notes was based on the difference between the Company's current period average stock price and the conversion price of the 2019 Notes, provided there was a premium. For the three and six months ended June 30, 2024, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 159,494 shares and 201,917 shares, respectively. For the three and six months ended June 30, 2023, the dilutive effect of the conversion premium included in the calculation of diluted earnings was 700,941 shares and 796,601 shares, respectively.   A reconciliation of basic and diluted weighted average shares outstanding is as follows: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:93.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:45.72%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:11.96%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> <td style="width:1.14%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> <td style="width:1.24%;"></td> <td style="width:1%;"></td> <td style="width:9.82%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Three Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Six Months Ended
June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> <span style="white-space:pre-wrap;min-width:fit-

content;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="14" style="vertical-align:bottom;"> (Amounts in thousands, except per share data) </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Numerator: </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> <td colspan="2" style="vertical-align:top;"> </td> <td style="vertical-align:top;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Net income </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">3,321</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 20,064 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">5,415</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 48,893 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td 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style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Weighted average shares used in computing net income per share - basic </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,884 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> <span style="min-width:fit-

content;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,705 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,838 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,648 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Effect of dilutive shares: </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Options and stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 391 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 451 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 437 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 487 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Convertible senior notes(1) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 159 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 701 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 202 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 797 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"> Dilutive effect of unvested performance stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:15pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:15pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New

Roman;margin-bottom:0;text-align:left;">Dilutive potential common shares </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 550 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,153 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 639 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1,284 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Denominator for diluted earnings per share - adjusted
  weighted average shares used in computing
  earnings per share - diluted </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,434 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,858 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,477 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 56,932 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> <tr style="background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="text-indent:5pt;vertical-align:top;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right

Roman;margin-bottom:0;text-align:right;">0.10 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.88</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:5pt;white-space:pre-wrap;vertical-align:top;"><p style="margin-left:5pt;text-indent:0;font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">Diluted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.06 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;">0.35</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.10 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 0.86 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> </td> </tr> </table> (1) Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information.
33210002006400054150004889300055884557055583855648391451437487159701202797010155011536391284564345685856477569320.060.360.10.880.060.350.10.8
class="item-list-element-wrapper" style="display:flex;margin-top:12pt;justify-content:flex-start;align-items:baseline;margin-bottom:0;min-width:3.333%;text-align:left;">13. Related Party Transactions Certain facilities leased by our subsidiary, Spectrum LifeSciences LLC ("Spectrum") are owned by the Roy Eddleman Living Trust (the "Trust"). As of June 30, 2024, the Trust owned greater than 5% of the Company's outstanding shares. Therefore, the Company considers the Trust to be a related party. The lease amounts paid to the Trust were negotiated in connection with the acquisition of Spectrum. The Company incurred rent expense totaling $0.2 million for each of the three months ended June 30, 2024 and 2023 related to these leases and incurred $0.4 million for each of the six months ended June 30, 2024 and 2023. 0.052000002000004000000400000 14. Segment Reporting Operating segments are components of an enterprise that engage in business activities for which discrete financial information is available and regularly reviewed by the CODM in deciding how to allocate resources and assess performance. Our CEO has been identified as the CODM. The Company views its operations, makes decisions regarding how to allocate resources and manages its business as one operating segment and one reportable segment. Our CODM evaluates financial information on a consolidated basis. As a result, the required financial segment information can be found in the condensed consolidated financial statements of the Company disclosed herein. The following table represents the Company's total revenue by customers' geographic locations: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.644%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:6.783%;"></td> <td style="width:1%;"></td> <td style="width:2.661%;"></td> <td style="width:1%;"></td> <td style="width:6.643000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:5.803%;"></td> <td style="width:1%;"></td> <td style="width:2.661%;"></td> <td style="width:1%;"></td> <td style="width:5.803%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> Three Months Ended </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> Six Months Ended </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:center;">2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Revenue by customers' geographic locations: </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> North America </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 50 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 46 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 50 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 42 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Europe </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 36 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 34 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 37 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> APAC/Other </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 14 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 18 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 21 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> <span

style="color:#000000;white-space:pre-wrap;min-width:fit-content;">Total revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr> </table> Concentrations of Credit Risk and Significant Customers Financial instruments that subject the Company to significant concentrations of credit risk primarily consist of cash and cash equivalents and accounts receivable. Per the Company's investment policy, cash equivalents and marketable securities are invested in financial instruments with high credit ratings, and credit exposure to any one issue, issuer (with the exception of U.S. Treasury obligations) and type of instrument is limited. At June 30, 2024 and December 31, 2023, the Company had no investments associated with foreign exchange contracts, options contracts or other foreign hedging arrangements. Concentration of credit risk with respect to accounts receivable is limited to customers to whom the Company makes significant sales. While a reserve for the potential write-off of accounts receivable is maintained, the Company has not written off any significant accounts to date. To control credit risk, the Company performs regular credit evaluations of its customers' financial condition. There was no revenue from customers that represented 10% or more of the Company's total revenue for the three and six months ended June 30, 2024. Significant accounts receivable balances representing 10% or more of the Company's total trade accounts receivable balances at June 30, 2024 came from our accounts receivable balance outstanding with Novo Nordisk A/S, which was 11.6% of the Company's total trade accounts receivable balance. No accounts receivable balance from a specific customer represented 10% or more of the Company's total trade accounts receivable at December 31, 2023. 1 The following table represents the Company's total revenue by customers' geographic locations: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:90.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:59.644%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:6.783%;"></td> <td style="width:1%;"></td> <td style="width:2.661%;"></td> <td style="width:1%;"></td> <td style="width:6.643000000000001%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:5.803%;"></td> <td style="width:1%;"></td> <td style="width:2.661%;"></td> <td style="width:1%;"></td> <td style="width:1%;"></td> <td style="width:5.803%;"></td> <td style="width:1%;"></td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> Three Months Ended </td> <td style="vertical-align:bottom;text-align:left;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;text-align:left;"> Six Months Ended </td> <td style="vertical-align:bottom;text-align:left;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="6" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> June 30, </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;white-space:pre-wrap;text-align:left;"> <td style="vertical-align:bottom;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;white-space:pre-wrap;"> <td style="vertical-align:top;"> Revenue by customers' geographic locations: </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-

bottom:0;text-align:right;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> North America </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 50 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 46 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 50 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 42 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> Europe </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 36 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 34 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 37 </td> <td style="white-space:nowrap;vertical-align:bottom;"> % </td> </tr> <tr style="height:8pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:10pt;white-space:pre-wrap;vertical-align:top;"> APAC/Other </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 14 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 21 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> % </td> </tr> <tr style="height:8pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total revenue </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p

style="font-size:8pt;margin-top:0;font-family:Times New Roman;margin-bottom:0;text-align:right;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt double #000000;text-align:center;"> 100 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt double #ffffff03;"> % </td> </tr> </table>0.500.460.500.420.360.360.340.370.140.180.160.211111000.100.100.100.1160.10 15. Subsequent Events Maturity of the Remaining 2019 Notes As discussed in Note 8, "Convertible Senior Notes" above, the remaining 2019 Notes matured and were paid off in full on July 15, 2024. The Company used net proceeds from the Exchange Transaction to fund the repayment of the 2019 Notes at maturity and to pay accrued and unpaid interest with respect to such notes. The Company irrevocably elected to settle the conversion of the 2019 Notes using a combination of cash and the Company's common stock, settling the par value of the 2019 Notes in cash and any excess conversion premium in shares. In connection with the conversion, the Company paid $69.6 million in cash, which included principal and accrued interest, and issued 100,942 shares of the Company's common stock representing the conversion premium. Pending Acquisition of Tantti Laboratory Inc. On July 29, 2024, the Company announced that it entered into a definitive agreement to acquire privately-held Tantti Laboratory Inc. ("Tantti"). Tantti, which is headquartered in Taoyuan City, Taiwan, is expected to accelerate the Company's expansion into new modality markets with unique, scalable purification solutions for large molecule biologics. The Company expects the acquisition of Tantti to be completed in the fourth quarter of 2024 subject to the satisfaction of customary closing conditions, including clearance through the Taiwanese regulatory channel. 69600000100942 Rule 10b5-1 Trading Plans None of the Company's directors or officers (as defined in Rule 16a-1(f) of the Securities Exchange Act of 1934) adopted, modified, or terminated a Rule 10(b)5-1 trading arrangement during the Company's fiscal quarter ended June 30, 2024.falsefalsefalse Unobservable inputs were weighted by the relative fair value of the contingent consideration liability; Selling, general and administrative stock-based compensation for the three and six months ended June 30, 2024 includes $4.4 million of expense related to the Equity Modification discussed above; Includes 13,057 options forfeited pursuant to the 2024 Award Amendment discussed above under "Chief Executive Officer Accounting Modifications"; Represents the number of vested options as of June 30, 2024 plus the number of unvested options expected to vest as of June 30, 2024 based on the unvested outstanding options at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees; Includes 13,146 RSUs and 6,573 PSUs forfeited pursuant to the 2024 Award Amendment discussed above under "Chief Executive Officer Accounting Modifications"; Represents the number of vested stock units as of June 30, 2024 plus the number of unvested stock units expected to vest as of June 30, 2024 based on the unvested outstanding stock units at June 30, 2024 adjusted for estimated forfeiture rates of 8% for awards granted to non-executive level employees and 3% for awards granted to executive level employees; Represents the dilutive impact for the Company's 2019 Notes. As of June 30, 2024, the if-converted value is less than the outstanding principal of the 2023 Notes and are therefore anti-dilutive. Refer to Note 8, "Convertible Senior Notes," above for more information.

'"

*VZ]'B$ _.9WJD&=)%|VWL@!V'DG _| MHQ02O;GF0/-^S9(\4GX'$H.\5^M}BD&7S8""=HHCH=\[;"4_|_FWQZ/W.G"2 M9+G)F5WCJ.Z,-P9"?252N_RNJC==&., ^+C>]P/CS]36%4YOZ[99@7;"\W^;*HC_T]CL_MV_$@TY^,A.BNG3@^P+G5@_!;4\O)*2?9BN02?30R73QG+PGY/:->E6B|)=6. M\NA/-@8NEH7S^;7!B\WC&)!C\X)M;I$5X#9OF\QF F4QQR684V>4$)^)#1Z MXWP(4X)4\ZR+^JL=GHVF,BT/H^5Q/CV@1_)4HL:55J!<[)>LHTOL"+0? UH^_MPD;@C^^)0XT)-=^H?+W'8-9H?C_+$7,I@38Z2F4.C(;TUG-7H<;&?D>X(1+JR.#'FJ*R! 4R(CD1!^=$#I?>DB=TAN+F M8,S<('+.QGY:)I38F6DY^_J:\,A^4\QH&Y%7)$+9TC11/;fJZVS&C(P1R8'G M@+ T/?84^=GVRV-&P13"@.]LL30SN!\AY'$-S*".J2GUL]NFP,H/6 A %6:: M_O@?L0 _.$PU!5;^C@TK&M&LLZD56!$W"ET_\(M@"QB8ODO[V-1)(#\7DTEZ M=U2=?]M+:RVELV6-$'#_MXP=L=9=@; K2,\W3)2)D>]XJ2*S+W<" <"^@.#DN MMP9]R&NP1>GSM;>_U"]/Q7C)H0MS_>HW>OO.(G\,(?ZE @W_\\D!>G>"6 M]6+GI&7Q1LRTL%OQ+:*=Q\,(H1\7E?V$"7)X@TD'F6W=40[-D5A_3KNG"WY MS'#JVW" KP.4P:H,;FD'(X& $8"FJO/Q^);>L\-0$+Q4A%>TWYEN!/O'5,= MW54NC>S7HD3=+2BDM#^7F&R T<'CHWX M=ES*#))*Y=&'\[4>!LN\$VDCN+.LSS1>*Q<0#WM-LQ!556 A:L/ VOD3)S\-J8UKS-N!S!$!NT'9@S=4Q:8SKN$IMQ-XUPFY:NYNJ*.*V5?VIN")]< M"'9U-4VFC]/#.G;"Q&']9J>XMF2$NQ&Y:^T0=^=21,6TR7(@&E]6)SQTAQMS MOW[U0T;%QR2@lQ!,C*V_K[JJ7AT>HY Z-H&. MIJ=Q&]# C%&V8%;T5K?KCM7-I/9UT6T+&_RW;"A36?SX\Q ;U6SPQ> M;%L)-VF#)\Y 8XM^BOW0]?=.P(21M)T9=^BL!'"4J4*;X\8^^#;@XX59[O[MT!4W8NH._M?K+7M)?.JWXL.S0R6ALM>;<+PY$*I%T"JQY::FX,A[=]HGFB%> M@01K/L?-5^8;THFT^JM#_8F$U'N\ 60/4\4\SOT%$<;DB3,PKHCG<0CX3!C M"WX@3D++JU=46P_D-Z;QQYK#=5XI3JM5N(4F?8HZW)!^IK)G.0/CL%J:0AN_M"#)&,'Y18TN:U. T?!N[V7L;GJAQ(J8@@15:HJ%E";(&4KGQ'=NQA+*!_-0P MJA,%XEO,^2;:?i.;!+U-=*^G>M-LS0]DU6$_I@A?+,]OPT;?.V4O6O84C:BQ*A MA5D20@=)++(&5UWJ]+[#GU&.JO^%;9P+>"6$)3F0]R.9&RK0$.V-YU!#CH&NX M8T;"J*?E$'JR-)WG% H1>$HP8V)TI:IF4%B:8'.2C&@[G##C8/2l;^D>F),(M)A&/$KW;LN2@Y]PUN2+[*$Y9WAR^I" [KU0]4A2H$_2*[QH^I;>L*N>9ZYA0 M9,85=TR'KP7Q"+LG",>;N]TE"]E[-[\B>^4GOUT=KH!)MCLGEH6%E=,.0 52N M2W[%EFK:N0%D/AS862'MY-L/IMH,8NNL8]A,D)XK'V+?ED1A5D+GWU@\`)8<|^Z| [1YR\Q!UWR8ND M#/$ASXML/+_D14J5CG;/?+6^<9R!!XQ3#K"IV/PQ>HL>P82$CRV>Q5S,&V8T MPRJ9T<;N&7DD_!O+Y6/QT$25/_&1+E'4IYQAIK> 4)\V_G\$^<;=Y\;YM^B; M#!3G$O^-FI\ZMW1WAQO,(&2LDM^U%[(.;)K,4NH<]R&]BX_Z/9*$P/\\\16. M0]XT-LUD<13X*7\/>"-&_OXZ2IU@'3L>Z6[T^CHX .W!7X3>,MV2N'J4B-=[MXAM'AJ_K\%A-P"5>/=3P M;R4+Z/K[&C=(6A!O(S)(8/507;7CCI85<_M RS!1D\%8" ZK!=TROC 4=X+#%C0QIV,=W$#;EJ7.,F MS-FCX[TO)_4$6XH"\P5B">(O?$_C7,R)A&J,V0 SQC%KB> MD!L43;4,SW$0BLL82G 0P3#*&$1S/B;76U[>2$QI]6/PCS"F).ED)]RO"IB M6)@Q.MT9RW-!6E9D4-W*VBXW](P$6GG!#M>KPQ<2O<;.?NN[BY@XAHL/.G3< M41!4^2T/YHL1NMX;206"8#">Q5]R]M'G[%\2',V!48G/?CGZZGEX=L:F-,.C M:5DA6-AU6#QVWB7GQW1]$<),?O%8^Y8\4960]FX"=*'M K0[6(@P&94SZ)*P MK(?? VRR.]N**BL;CD3,*%WO'96;_.),P/<3;M#NUIBP/*%]0]\XI.RL!'MLD5^SP#86Q!D*A\FM*TU!0UQ(<S,FB;7&%-+P@"ZY,>\|:\SK4YG_[L3>#1QP$M)O MCC&_5"FQMT>-7;O^'JVW498XH;<(O?4[,-3A+LHDCEG%#',BN[C]EWC7T8YV MGG5RS22FR9A44%P=JB%%GU*&W-O?,W;E22E0$J8(''/SE!)CP4S"P&S7DI#W.+1F-:OOP.;>'XD=GSWR2.GB)0A=*

%7[EAC M2[_$K!YDF3A@OA/+QG@U1>4WTKS\@%=4N4 M537D]T;>Q):T!@473)-<1T]9[&YA173'HI_]%>_MD-;8W?(7]7Z\M/>#IV0? M]6OI]D_QN9%)H? A/OE]DCYY^K,QG92WFPUQ4S!;,D)]DN:D]&7%LSY>8R_!UDFVAT7FTO+*V*@%D MLADF$Y7!CJ2!I_)2D!TM9BK,2R(\5]7S\(#$>#^Y3Y*L!SS-2=;F.*KB/>U+_M8KJA%=3)'"%HI*>+(2QUZ<;C#7@Q\T@N4M:B"&X]H]$YH1P%0PZQ.RQ%$-;JJ M<$7 P7+P>TE"0Q$+U"C6ON!7$FZ0'3?V)_]I1LV/+#=R$,%RM$T9*F@V19%Z MUFW'HBIB)N'!,T&!MM,^;@;;!9ZC1H&^@B,5P)/P&V;$Z3>]D&29*H8T&#WU#C0YZ_.C'!JVJ8(XW56)K0/:M6S0WWV(ZXB96=X1$FS(@=_M78_+I9RE"?>#^7*2F)SM2)R#1W5"?YCQ.#I+MO16S$W4L#"B/&9J,P:GX,(^_MT5G,^!R-&R6A@RG@_QM.CNP.TL,.FFD$=15!F0+V'W"2A33XCQD/H], -+[8Z M!0)^1$H(ZO2)*.#Q=TNPTX3"RQ1_JT/KEQK[X0]DLQT5U+MF*#2?O4I M/VK/GEQ.:@_CEFT4PK*3/(,.@^TI)AL"@.4Z.1$SM@3"'?%_D=/E$^S[$Z8'] MZBGH[!03>O9")?9L98T+02]C:W-L1%.!4BV,6-+A C4O]"C?]]?7,":H4N MTFLGC@]@@MO%F;R=XLC5HLL]V-=4%[1M3[7/QIM"Q*Z=C_(&#,'9';3(D=O!TCLK[,'7"5ZK!%;-)>OM17.;S)8F]\=Y]F!%L"\) C MD^ZNGS+W'Q7%44A]GZ#2UX]0B^]6'*$6.JGR%.W>FP)$W#Y7L$.I=W@>KZI_M(${Y"RCD'BX&52R5%\:%N6&.'2D_4EA$;X+T7/V3O/"H'U(^7^!Z) M"[^A0 Q;A @YGP[!4=$_Q4Y.C1%M.MF.[HNDAMU-)8O=RP6S M@5Y'7]HEW?'H!UY%73?&)3$AXHK:[!G4'&ELT-[+/735O MI&&R4');9YA!/LR# 0(ETS!(*NE'BVQV.9/PP"0>NTHEBF7AIR!9GM5]?,5 M^">EUEQS$DB0EL"70_S!!F]7T,TUX(*C/=V@6M8.P0NTL=8P8PO6"ZMS@=": M;G0GA.%RX.:(9AAG=WL,6,KTW"G& %%%A+F@*"9A T8IP-3SS!&.1D273V[] MB<;4D@P\U^]K9<4B-G:$,.M3H=$&,E@G?!"FY"@% FGO=/DN=0ONB@Z]GJ] MQ.CBR@LH2E55S@3#SHMA$4.)FV/0"TT2KBA:*")1P7ASVD=?NPFCI.03X>," MHS$1B5[8B>-!Z(3M.28=M.I8G\268%@;9+FC^V6X7:-MJC-%6(9Z? HGCT!AP%"<6JV&%LSG.ET&;'X\"LKLHEBGVV9$?^] (?N^%7^;Z%TNH=U(]2\XS)00H_!]P#. M^S7+::]3#HD=6UR^[V)I15LM9Z2DJABP0+LZ7@/8,"L^*NWTA(# >3:AX#I* MF,NV$!]"3@T);"QU^+ X((G??)*1"A;4KVC*6T!4P5D5R0$ M"X);GO0GE!#V%)4MA%BRC9H2KBL%[-E%M?Q:D83 .VED^@9$>1"QC 5K.%)' MT6/MZ1;[" RN_[7+C>LZ5*29+3]#,46KW+%WKU])DP8?P'1$SL!#%YX.S_T MDY0BZ]TC=K%7Z_34YQ,3] WD7\]A8_5]^_7FCM=;^M?],.^L16U<=3C@>YO] M"H1!M/KU4K(/S F%L^@JG6BA--]T;P[M7ORBYRHM9'&EJTD\]BQ>.-OJ4[M3A9A>+H]TASF>1U_&]N-,2;SDU2]>S<_23C#K MZ N^+V(<]_1<,OL &,&4$M0;'^,S)(^GS5J4/OK6%&%RQR'@F7+IA@6"?A.#LD^D1WM$%>D1K_JZ0S1D* MBN"Z.Y7%VEBA$@QS!46:]B@7YY]3328\-PU. ?DW1UF0Z!' ? <<&+I*F&&.2XC'_ L _;JX,^? V@U['EA\[EX",.06IQH/^;TH MR3HJ+BXHA1G)\TGK5QKP4(+4[0BK;I6F53>W%*5KS1]I(_/]IH C8HI=D/R M/X_&P>V'RR3W"F1!? ND'#Z_YD^6F/GH9GK2N>LIHE4A*M39>"NFG8>2"@-G-_MBV"R1;"-4Z..U]_"9#!X^1<%V1/X.I'!ZX(." GHY:N39O2^A>7F_T@_&"O_M_4Q<^J=-K5+-,WH? ZK4$];=I$UU[CE\1>P*S(RL7S]$F?0=I;.\"T H8[A9\"L8]I_=I7)+.]/"Z$(G(,>L%^) M/1A!RXO\'QGW86[F-S'SM)A \/.#DN=-TP1NRCXGK M.T6 L.X.#NUYAP4# QBDC%NP@IQ.!WA+|=")4 XU%"'|(5,F?GQ/!F$1;9H M(A%,+:,HN0_V"/E_GR?DIK+^OC|OUOFY+++4)-_^9U!|$2E"I9[8YIH*$-N MN53A%J\<-Y2I;O?=_I\5<@XT!-%C(RR2T[#&_F/SX:%HO2^%!K<$OP*/6=Z M#C,-I,2-=\2-7H_UOZ"/ (Y-,XPT]ME-&OF+K3&DDZ5]T>.APL1YZQE<1+0: MWU2X.&]E@\,C_+Y[%4(L]?]<)C2]/B)<(D'9\K_(KKF [HON)1!#-X/B0]* M;S]X+S#9A%V5DL6%33T/V[Y)?&9Z^\9[@;E]ZY5"QM_"/[\PVB]]_O@3I_'Z MC(LPAFP,"73<#4"P,..LWC_93LKVO5^'XX52SZ93GUO:[S+7$E2=U\4%4SW/ M8+64)$6+"XQLAG&NY*19Z9VVQ_&F01B:TR,#<^_[3:-"*W-';WO%+T A1[7R M1!025./:TFQ"BMY6=>09[?4M2.[C R&:@($1!?H:2]/CSC!.;=JJ%E/1T MWS)RG; @-Z*Q5,G 2R7]>5:B]C(OL!D/RBP%@=B4SS)>%-?+CU#KMWC[V^KT"T??Q0NN9V M<2WA0 M]V(0)5E,RIOK0)]W#>>Z]5G(?+!TBE])9_@-O4XGP-#]X\X/X>&#_]9=9*W] M8#TO03*#@X5'V(?U.PG>R%*