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QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the quarterly period ended December 31, 2024 or A A A TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 A For the transition period from A to A Commission File No: 0-11740 A MESA LABORATORIES, INC. (Exact name of registrant as specified in its charter) A Colorado A 84-0872291 A (State or other jurisdiction of A (I.R.S. Employer A incorporation or organization) A Identification number) A A A A A 12100 West Sixth Avenue A A Lakewood, Colorado A 80228 A (Address of principal executive offices) A (Zip Code) A A Registrant's telephone number, including area code: (303) 987-8000 A Securities registered pursuant to Section 12(b) of the Act: A Title of each classTrading SymbolName on each exchange on which registered Common Stock, no par valueMLABThe Nasdaq Stock Market LLC A 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 A A A No A A 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 (Section 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 A A A No A A 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 definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Securities Exchange Act. A Large accelerated filer A Accelerated filer A Non-accelerated filer A Smaller reporting company A Emerging growth company A 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 A A Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes A A A No

ASU (862) Stock-based compensation expense \$A -A -A 3,183\$A -A -A -A 3,183\$A Foreign currency translation A -A -A -A (1,353)\$A (1,353) Net (loss) A -A -A -A (1,230)\$A -A -A (1,230) September 30, 2023 A \$ 5,391,726\$A \$ 337,869\$A \$ 70,699\$A \$ (20,809)\$A \$387,759\$A Vesting of restricted stock units and exercise of stock options A -A 2,415\$A A 2A A -A -A -A 2A Tax withholding on vesting of restricted stock units A (98)\$A (12)\$A -A -A -A (12) Dividends paid, \$0.16 per share A -A -A -A (862)\$A -A -A (862) Stock-based compensation expense A -A -A 2,993\$A -A -A -A 2,993\$A Foreign currency translation A -A -A -A -A 10,965\$A 10,965\$A Net income A -A -A -A -A 2,116\$A -A -A 2,116\$A December 31, 2023 A \$ 5,394,043\$A \$ 340,852\$A \$ 71,953\$A \$ (9,844)\$A \$402,961\$A *Accumulated Other Comprehensive Income (Loss). A See accompanying notes to Condensed Consolidated Financial Statements. A Page 4 Table of Contents A Mesa Laboratories, Inc. Condensed Consolidated Statements of Cash Flows (unaudited) (in thousands) A A Nine Months Ended December 31, A A A 2024 A 2023 A Cash flows from operating activities: A A A A A A A A Net income A \$ 5,140 A A \$ 337 A Adjustments to reconcile net income to net cash from operating activities: A A A A A A A Depreciation of property, plant and equipment A 4,028 A A A 2,899 A Amortization of acquisition-related intangibles A 13,002 A A 22,380 A Stock-based compensation expense A 10,004 A A 9,144 A Gain on extinguishment of convertible notes A (2,887) A A - A Amortization of step-up in inventory basis A 1,232 A A - A Foreign currency adjustments A 2,492 A A (3,128) A Other A 3,914 A A 2,206 A Cash from changes in operating assets and liabilities: A A A A A A Accounts receivable, net A 91 A A 8,294 A Inventories A (539) A A 217 A Prepaid expenses and other assets A (1,445) A A (7,841) A Accounts payable A (1,919) A A (1,656) A Accrued liabilities and taxes payable A 1,879 A A (124) A Unearned revenues A (849) A A (1,478) A Net cash provided by operating activities A 34,143 A A 31,250 A Cash flows from investing activities: A A A A A A Acquisitions, net of cash acquired A - A A (79,700) A Purchases of property, plant and equipment A (3,492) A A (2,032) A Net cash (used in) investing activities A (3,492) A A (81,732) A Cash flows from financing activities: A A A A A A Proceeds from the issuance of debt, net A 73,465 A A 71,000 A Repayment of debt A (26,313) A A (22,000) A Repurchase of convertible debt A (71,560) A A - A Dividends paid A (2,598) A A (2,583) A Other financing, net A (1,310) A A (648) A Net cash (used in) provided by financing activities A (28,316) A A 45,769 A Effect of exchange rate changes on cash and cash equivalents A 407 A A 27 A Net increase (decrease) in cash and cash equivalents A 2,742 A A (4,686) A Cash and cash equivalents at beginning of period A 28,214 A A 32,910 A Cash and cash equivalents at end of period A \$ 30,956 A A \$ 28,224 A Supplemental non-cash activity: A A A A A A Right of use assets obtained in exchange for lease liabilities A \$ 9,596 A A \$ 4,220 A A See accompanying notes to Condensed Consolidated Financial Statements. A Page 5 Table of Contents A Mesa Laboratories, Inc. Notes to Condensed Consolidated Financial Statements (unaudited) (dollar and share amounts in thousands, unless otherwise specified) A A Note 1. Description of Business and Summary of Significant Accounting Policies A Description of Business A In this quarterly report on Form 10-Q, Mesa Laboratories, Inc., a Colorado corporation, together with its subsidiaries, is collectively referred to as *we*, *our*, *us*, *our company*, *the Company*, *we* or *Mesa*. A We are a global leader in the design and manufacture of life sciences tools and critical quality control solutions for regulated applications in the pharmaceutical, healthcare, and medical device industries. We offer products and services to help our customers ensure product integrity, increase patient and worker safety, and improve the quality of life throughout the world. We have manufacturing operations in the United States and Europe, and our products are marketed by our sales personnel in North America, Europe and Asia Pacific, and by independent distributors in these areas and throughout the rest of the world. We prefer markets in which we can establish a strong presence and achieve high gross profit margins. A As of December 31, 2024, we managed our operations in four reportable segments, or divisions: A - Sterilization and Disinfection Control - manufactures and sells biological, chemical and cleaning indicators used to assess the effectiveness of sterilization, decontamination, disinfection, and cleaning processes in the medical device, pharmaceutical, and healthcare industries. The division also provides testing and laboratory services, mainly to the dental and pharmaceutical industries. A - Clinical Genomics - develops, manufactures and sells highly sensitive, low-cost, high-throughput genetic analysis tools and related consumables and services that enable clinical research labs and contract research organizations to perform genomic testing for a broad range of research applications in several therapeutic areas, such as screenings for hereditary diseases, pharmacogenetics, oncology related applications, and toxicology research. A - Biopharmaceutical Development - develops, manufactures, sells and services automated systems for protein analysis (immunoassays) and peptide synthesis solutions. Immunoassays and peptide synthesis solutions accelerate the discovery, development, and manufacture of biotherapeutic therapies, among other applications. A - Calibration Solutions - develops, manufactures, sells and services quality control products using principles of advanced metrology to enable customers to measure and calibrate critical parameters in applications such as environmental and process monitoring, dialysis, gas flow, air quality and torque testing. A Basis of Presentation A The accompanying unaudited Condensed Consolidated Financial Statements have been prepared in accordance with the rules and regulations of the Securities and Exchange Commission and in accordance with accounting principles generally accepted in the United States (*U.S. GAAP*) for interim financial information. In the opinion of management, such unaudited information includes all adjustments, consisting of normal recurring adjustments necessary for the fair statement of our financial position and results of operations. The results of operations for interim periods are not necessarily indicative of results that may be achieved for the entire year. A The year-end Condensed Consolidated Balance Sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. The Condensed Consolidated Financial Statements include the accounts of Mesa and its wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. A We made no material changes to the application of our significant accounting policies disclosed in our annual report on Form 10-K. This quarterly report should be read in conjunction with the consolidated financial statements included in our annual report on Form 10-K for the year ended March 31, 2024. A Our fiscal year ends on March 31. References in this quarterly report to a particular *year* or *quarter* refer to our fiscal year or fiscal quarters, respectively. A Prior Period Reclassifications A For the nine months ended December 31, 2024, certain prior period amounts in our unaudited Condensed Consolidated Statements of Operations related to cash interest payments on acquisition holdback liabilities and non-cash debt issuance cost amortization have been reclassified out of "Other expense (income), net" and into "Interest expense and amortization of debt issuance costs." A Additionally, prior period third-party costs related to the repurchase of a portion of our convertible senior notes have been reclassified out of "Other expense (income), net" and are reflected within the "Gain) on extinguishment of convertible senior notes." A These reclassifications have not resulted in any change to "Non-operating expense (income), net" nor in any material change to other amounts presented in our unaudited condensed consolidated financial statements for the three and nine months ended December 31, 2024. A Risks and Uncertainties A The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities at the reporting date and revenues and expenses during the reporting periods. These estimates represent management's judgment about the outcome of future events. The global business environment continues to be impacted by cost pressures, the overall effects of economic uncertainty, and other factors. Changes in, and the resulting effects of, potential governmental stimulus or fiscal and monetary policies, interest rates, foreign currency values, supply chains, demand for goods and services, a global or regional recession, or other circumstances cannot be reliably predicted. Actual results could differ from our estimates. A Page 6 Table of Contents A Recently Issued Accounting Pronouncements A In November 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures." ASU No. 2023-07 requires all annual disclosures currently required by Topic 280A to be included in interim financial statements and requires disclosure of significant segment expenses regularly provided to the chief operating decision maker ("CODM"), a description of other segment items by reportable segment, and applicable additional measures of segment profit or loss used by the CODM when allocating resources and assessing business performance. The ASU is effective for fiscal years beginning after December 15, 2023 (our fiscal year 2025 for annual periods) and interim periods within fiscal years beginning after December 15, 2024 (our fiscal year 2026 for interim periods) on a retrospective basis. Other than presentation changes to our segment footnote, we do not expect the adoption of ASU No. 2023-07 to have a material impact on our consolidated financial statements. A In December 2023, the FASB issued ASU No. 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures." ASU No. 2023-09, which enhances the transparency, effectiveness and comparability of income tax disclosures by requiring consistent categories and greater disaggregation of information related to income tax rate reconciliations and the jurisdictions in which income taxes are paid. A The guidance is effective for public business entities for fiscal years beginning after December 15, 2024 (our fiscal year 2026), with early adoption and prospective or retrospective application permitted. A Other than presentation of additional disaggregated data in our income tax footnote disclosures for annual periods, we do not expect the adoption of ASU No. 2023-09 to have a material impact on our consolidated financial statement. A In November 2024, the Financial Accounting Board ("FASB") issued Accounting Standards Update ("ASU") No. 2024-03, "Expense Disaggregation Disclosures (Subtopic 220-40): Disaggregation of Income Statement Expenses." ASU No. 2024-03A requires that public business entities disclose additional information about specific expense categories in the notes to financial statements at interim and annual reporting periods. The ASU is effective for fiscal years beginning after December 15, 2026A (our fiscal year 2028A for annual periods) and interim periods within fiscal years beginning after December 15, 2027 (our fiscal year 2029 for interim periods), with early adoption and prospective or retrospective application permitted. We are currently assessing the effect the adoption of this standard will have on our consolidated financial statement disclosures. A We have reviewed all recently issued accounting pronouncements and have concluded that, other than as described above, they are either not applicable to us or are not expected to have a significant impact on our consolidated financial statements. A Note 2. Significant Transactions A GKE - Fiscal Year 2024 Acquisition A We acquired 100% of the outstanding shares of GKE GmbH and SAL GmbH effective October 16, 2023, and upon approval by applicable Chinese regulators, effective December 31, 2023, we acquired 100% of the outstanding shares of Beijing GKE Science & Technology Co. Ltd. (*GKE China*) and together with GKE GmbH and SAL GmbH, *GKE* (*the GKE acquisition*). A GKE develops, manufactures and sells a portfolio of chemical sterilization indicators, biologics, and process challenge devices to protect patient safety across global healthcare markets. GKE is included in our Sterilization and Disinfection Control ("SDC") division, and GKE's strengths in chemical indicators are complementary to SDC's strengths in biological indicators as chemical and biological indicators are used in the same sterility validation workflows. Additionally, GKE's healthcare-focused commercial capabilities in Europe and Asia greatly expand our reach in the healthcare markets in those geographies. We are working to obtain regulatory 510(k) clearance on certain GKE products for sale in the United States, which would further expand organic revenues growth opportunities from the GKE business. A We finalized our purchase price accounting of GKE during fiscal year 2024. Total cash consideration for the GKE acquisition was \$87,187, net of cash and financial liabilities acquired and inclusive of working capital adjustments. Of the total acquisition price, approximately \$9,000 (at December 31, 2024 exchange rates) is being held back until April 2025 in accordance with the purchase agreement as security against potential indemnification losses ("GKE holdback"). We funded the acquisition through a combination of cash on-hand and a total of \$71,000 borrowed under our line of credit. A During the three and nine months ended December 31, 2024, GKE's operations contributed the following amounts to our consolidated results of operations: A Three Months Ended A Nine Months Ended A December 31, 2024 A Revenues A \$6,854 A \$18,971 A Gross profit A \$4,904 A \$12,457 A A A A A A Amortization of inventory step-up recorded in cost of revenues A - A - A 1,232 A Amortization of acquired intangibles recorded in cost of revenues A 1,311 A A 375 A Amortization of acquired intangibles recorded in general and administrative expense A 935 A A 2,423 A A Note 3. Revenue A We develop, manufacture, market, sell and maintain life sciences tools and quality control instruments and related consumables. A Hardware sales include physical products such as instruments used for molecular and genetic analysis, protein synthesizers, medical meters, wireless sensor systems, data loggers, and process challenge devices. Hardware sales may be offered with accompanying perpetual or annual software licenses, which in some cases are required for the hardware to function. A Consumables are single-use products and require frequent replacement in our customers' operating cycles. Consumables sold by our Clinical Genomics and Biopharmaceutical Development divisions, such as reagents used for molecular and genetic analysis or solutions used for protein synthesis, are critical to the ongoing use of our instruments. Consumables such as biological and chemical indicator test strips sold by our Sterilization and Disinfection Control division are used on a standalone basis. A Page 7 Table of Contents A Revenues from hardware and consumables are recognized upon transfer to the customer, typically at the point of shipment. A We also offer maintenance, calibration and testing services. Services result in revenues recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. In many cases, our contracts contain both revenues recognized over time and revenues recognized at a point in time. A We evaluate our revenues internally based on business division and the nature of goods and services provided. Table of Contents A The following tables present disaggregated revenues for the three and nine months ended December 31, 2024 and 2023, respectively: A Three Months Ended December 31, 2024 A Sterilization and Dis

debt. Due to their short-term nature, the carrying values for cash and cash equivalents, trade accounts receivable, and trade accounts payable approximate fair value; they are classified within Level 1 of the fair value hierarchy.Â The financial instruments that subject us to the highest concentration of credit risk are cash and accounts receivable. We maintain relationships and cash deposits at multiple banking institutions across the world in an effort to diversify and reduce risk of loss. Concentration of credit risk with respect to accounts receivable is limited to customers to whom we make significant sales. No customers accounted for more than 10% of total trade receivables as of December 31, 2024.Â On April 5, 2024, we entered into separate, privately negotiated purchase agreements with a limited number of holders of our 1.375% convertible senior notes dueÂ August 15, 2025 (the "Notes"), through which we repurchased \$75,000 in aggregate principal amount of the Notes. See Note 7, "Indebtedness" for further information. As of December 31, 2024, we hadÂ remaining outstanding \$97,500Â aggregate principal amount of the Notes. We estimate the fair value of the Notes using Level 2 inputs based on the last actively traded price or observable market input preceding the end of the reporting period. The fair value of the Notes is approximately related to our stock price.Â The estimated fair value and carrying value of the Notes were as follows:Â As ofÂ December 31, 2024Â Â March 31, 2024Â Â Â Carrying Value Â Fair Value (Level 2) Â Carrying Value Â Fair Value (Level 2) Â Notes Â \$97,163Â Â \$94,819Â Â \$171,198Â Â \$163,013Â Â The carrying amounts of our term loan and revolving line of credit (together, the "Credit Facility") on the unaudited Condensed Consolidated Balance Sheets approximateÂ fair value due to the variable interest rate pricing on the debt, with the balance bearing an interest rate approximating current market rates.Â We expect to pay approximately \$9,000Â (atÂ December 31, 2024 exchange rates) for the GKE holdback in April 2025. We estimate the discounted fair value of consideration held back to be approximately \$8,900 as of December 31, 2024Â based on Level 3 inputs from the acquisition, including discount rate estimates. We adjust the estimated fair value at each reporting period through earnings.Â During fiscal year 2023, weÂ acquired substantially all of the assets and certain liabilities of Belyntic GmbH's peptide purification business (the Belyntic acquisition). We are obligated to pay contingent consideration of up to \$1,500 cash upon regulatory approval of certain patent applications. We estimate the fair value of the remaining contingent consideration is \$675, using Level 3 inputs and a probability-weighted outcome analysis based on our expectations of patent approval, leveraging our historical experience and expert input.Â Amounts recognized or disclosed at fair value in the unaudited condensed consolidated financial statements on a nonrecurring basis include the initial recognition and disclosure of most assets and liabilities purchased inÂ business acquisitions and any related measurement period adjustments. Additionally, assets such as property and equipment, operating lease assets, goodwill and other intangible assets are adjusted to fair value if determined to be impaired.Â Fair values of such assets and liabilitiesÂ requireÂ measurement using Level 3 inputs. We recorded no impairments during the three and nine months ended December 31, 2024 orÂ 2023.Â There were no transfers between the levels of the fair value hierarchy during the three and nine months ended December 31, 2024.Â Page 9 Table of Contents Â Note 5. SupplementalÂ Information Â Inventories consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Raw materials Â \$16,584Â Â \$18,335Â Work in process Â Â 400Â Â 1,256Â Finished goods Â Â 11,138Â Â 13,084Â Total inventories Â \$28,122Â Â \$32,675Â Prepaid expenses and other current assets consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Prepaid expenses Â \$3,251Â Â \$2,932Â Deposits Â 1,338Â Â 1,898Â Prepaid income taxes Â 5,682Â Â 1,237Â Other current assets Â 2,849Â Â 3,341Â Total prepaid expenses and other current assets Â \$13,120Â Â \$9,408Â Accrued payroll and benefits consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Bonus payable Â \$7,803Â Â \$3,838Â Wages and paid-time-off payable Â 3,600Â Â 3,072Â Payroll related taxes Â 1,954Â Â 1,956Â Other benefits payable Â 562Â Â 1,069Â Total accrued payroll and benefits Â \$13,919Â Â \$9,935Â The increase in bonus payable is primarily due to our financial performance in fiscal year 2025 compared to fiscal year 2024.Â Other accrued expenses consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Accrued business taxes Â \$5,505Â Â \$5,557Â Current operating lease liabilities Â 3,535Â Â 2,986Â Income taxes payable Â 1,364Â Â 1,615Â Current acquisition-related holdbacks Â 9,531Â Â 436Â Other Â 2,416Â Â 2,264Â Total other accrued expenses Â \$22,351Â Â \$12,858Â The increase in other accrued expenses is primarily due to the reclassification of held back Belyntic and GKE acquisition-related consideration from noncurrent liabilities.Â Other noncurrent liabilities consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Noncurrent operating lease liabilities Â \$12,361Â Â \$6,613Â Noncurrent acquisition-related holdbacks Â -Â Â 8,792Â Other Â 92Â Â 208Â Total other noncurrent liabilities Â \$12,453Â Â \$15,613Â The increase in operating lease liabilities is primarily attributable to the right of use asset associated with an operating lease for a facility used by our Biopharmaceutical Development for manufacturing and administrative purposes.Â As ofÂ Three Months Ended December 31,Â Nine Months Ended December 31,Â Â 2024Â Â 2023Â Â 2024Â Â 2023 Â Depreciation expense in cost of revenues Â \$610Â Â \$788Â Â \$2,376Â Â \$2,117Â Depreciation expense in operating expense Â 496Â Â 286Â Â 1,652Â Â 782Â Total depreciation expense Â \$1,106Â Â \$1,074Â Â \$4,028Â Â \$2,899Â The increase in depreciation expense for the three and nine months ended December 31, 2024Â is primarily due to GKE's operations, which included \$225Â and \$850Â of depreciation expense, respectively.Â Page 10 Table of Contents Â Note 6. Goodwill and Intangible Assets, Net Â Finite-lived intangible assets consisted of the following:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Gross Carrying Amount Â Accumulated Amortization Â Net Carrying Amount Â Gross Carrying Amount Â Accumulated Amortization Â Net Carrying Amount Â Customer relationships Â \$186,272Â Â \$(12,475)Â \$73,797Â Â \$(104,528)Â \$85,383Â Other intangibles Â 60,356Â Â (35,972)Â 24,384Â Â 61,161Â Â (32,792)Â 28,369Â Total finite-lived intangible assets Â \$246,628Â Â \$(148,447)Â \$98,181Â Â \$(251,072)Â \$113,752Â Amortization expense for finite-lived intangible assets was as follows:Â As ofÂ Three Months Ended December 31,Â Nine Months Ended December 31,Â Â 2024Â Â 2023Â Â 2024Â Â 2023 Â Amortization in cost of revenues Â \$660Â Â \$1,883Â Â \$1,979Â Â \$5,367Â Amortization in general and administrative Â 3,731Â Â 6,092Â Â 11,023Â Â 17,013Â Total amortization expense Â \$4,391Â Â \$7,975Â Â \$13,002Â Â \$22,380Â The decrease in amortization expense isÂ attributable to impairment losses recorded during the fourth quarter of fiscal year 2024 related toÂ intangible assets within our Clinical Genomics division.Â For the following fiscal years ending March 31, future amortization expense is estimated as follows, based on foreign currency exchange rates as of December 31, 2024:Â Fiscal Year Â Amortization Expense Â Remainder of 2025 Â \$4,278Â 2026 Â 16,566Â 2027 Â 15,921Â 2028 Â 15,349Â 2029 Â 14,815Â The change in the carrying amount of goodwill was as follows:Â As ofÂ Sterilization and Disinfection Control Â Clinical Genomics Â Biopharmaceutical Development Â Calibration Solutions Â Total Â March 31, 2024 Â \$79,430Â Â \$16,940Â Â \$46,515Â Â \$37,211Â Â 180,096Â Effect of foreign currency translation Â (1,994)Â Â (71)Â Â (849)Â Â (30)Â Â (2,944)Â December 31, 2024 Â \$77,436Â Â \$16,869Â Â \$45,666Â Â \$37,181Â Â 177,152Â Â Note 7. Indebtedness Â Credit Facility OnÂ March 5, 2021,Â we entered into an a four-year senior secured credit agreementÂ that included 1) a revolving credit facility with an aggregate principal amount of up to \$75,000Â (the "Revolver").Â 2) a swingline loanÂ with an aggregate principal amountÂ notÂ exceeding \$5,000, andÂ 3) letters of credit with an aggregate stated amountÂ notÂ exceeding \$2,500Â at any time.Â The agreement also provided for an incremental term loan or an increase in revolving commitments with a minimum aggregate principal amount of \$25,000Â and a maximum amount of \$75,000, subject to the satisfaction of certain conditions and lender considerations.Â We refer to theÂ agreement in whole as the "Credit Facility." OnÂ October 5, 2023,Â we amended the terms of the Credit Facility to increase the maximum principal amount available to us under the Revolver from \$75,000Â to \$125,000.Â OnÂ April 5, 2024,Â we further amended and restated the terms of the Credit Facility to: Â (i) Extend the maturity of the Credit Facility toÂ April 2029;Â (ii) Allow proceeds from the Credit Facility to be used to redeem some or all of the Company's 2025 Notes;Â (iii) Include a \$75,000Â senior secured term loan facility (the "Term Loan"), which is subject to principal amortization payments; andÂ (iv) Make certain changes to the financial covenants.Â Page 11 Table of Contents Â In conjunction with the amendment and restatement of the Credit Facility during the nine months ended December 31, 2024, we incurred \$1,987 of customary lender fees and debt issuance costs paid to third parties, of which \$1,242 is related to the Revolver and \$745 is related to the Term Loan. The fees are being amortized to interest expense through maturity.Â Amounts borrowed under the Credit Facility bearÂ interest at either a base rate or a SOFR rate plus an applicable spread ranging fromÂ 1.5% toÂ 3.5%, depending on our total net leverage ratio. The weighted average interest rate on borrowings under the Credit Facility as ofÂ December 31, 2024Â wasÂ 7.5%. The financial covenants in the Credit Facility as amended include a maximum leverage ratio of 4.50Â to 1.00Â on each of the quarterly testing dates through December 31, 2024;Â 4.0Â to 1.0Â on each of the testing dates between March 31, 2025 and March 31, 2026; andÂ 3.5Â to 1.0Â on each testing date thereafter. The Credit Facility also stipulates a minimum fixed charge coverage ratio of 1.25Â to 1.0Â and a minimum senior net leverage ratio of 3.5Â to 1.0.Â Other covenants include restrictions on ourÂ ability to incur debt, grant liens, make fundamental changes to our business as defined in the contract, engage in certain transactions with affiliates, or conduct asset sales. As ofÂ December 31, 2024, we were in compliance with all covenants underÂ the Credit Facility.Â Term Loan We borrowed \$75,000Â under the Term Loan onÂ April 5, 2024, to fund the privately negotiated repurchases of a portion of the Notes (see "Convertible Notes" below). During the three and nine months ended December 31, 2024, we made required quarterly principal payments on the Term Loan of \$938Â and \$2,813, respectively.Â We are required to make quarterly principal payments on the Term Loan. For the following fiscal years ending March 31, future debt payments on the Term Loan are required as follows:Â Fiscal Year Â Amount Â Remainder of 2025 Â \$937Â 2026 Â 3,750Â 2027 Â 5,625Â 2028 Â 5,625Â 2029 Â 7,500Â Thereafter Â 48,750Â Total Principal Remaining Â \$72,187Â Â The net carrying amount of the Term Loan was as follows:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Term Loan (7.5% as of December 31, 2024) Â \$72,187Â Â \$-Â Less: discount and debt issuance costs Â (634)Â Â -Â Less: current portion Â (3,750)Â Â -Â Noncurrent portion Â \$67,803Â Â \$-Â Revolver As ofÂ December 31, 2024,Â the outstanding balance under theÂ Revolver was \$27,000, and \$98,000Â was available for borrowing. Subsequent toÂ December 31, 2024,Â we repaid an additional \$4,500 on theÂ Revolver.Â We are obligated to pay quarterly unused commitment fees ofÂ between 0.20% and 0.35% of the Revolver's aggregate principal amount, based on our leverage ratio.Â The balance of unamortized customary lender fees related to the Revolver, including fees from the original debt issuance and all subsequent amendments and restatements, was \$1,278Â and \$321Â as ofÂ December 31, 2024Â andÂ March 31, 2024,Â respectively.Â Convertible NotesÂ On August 12, 2019, we issued an aggregate principal amount of \$172,500 of Notes. The net proceeds from the Notes, after deducting underwriting discounts and commissions and other related offering expenses payable by us, were approximately \$167,056.Â The Notes mature on August 15, 2025, unless earlier repurchased or converted, and bear interest at a rate of 1.375% payable semi-annually in arrears on February 15 and August 15 each year.Â The Notes are initially convertible, subject to certain conditions,Â at a conversion rate of 3.5273 shares of common stock per Â 1,000Â principal amount of Notes, which is equivalent to an initial conversion price of approximatelyÂ \$283.50Â per share of common stock.Â On April 5, 2024, we entered into separate, privately negotiated transactions with certain holders of the Notes to repurchase \$75,000 aggregate principal amount of the Notes for an aggregateÂ repurchase price of \$71,250Â in cash, plus accrued and unpaid interest of \$160. We accounted for the partial repurchase of the Notes as a debt extinguishment, which resulted in the recognition of a gainÂ on extinguishment of \$2,887 in other income on the unaudited Condensed Consolidated Statements of Operations during the nine months ended December 31, 2024. As of December 31, 2024, \$97,500 in aggregate principal amount of the Notes remained outstanding, which we intend to pay using a combination of cash on hand and a draw on our Revolver.Â Upon conversion, weÂ will pay or deliver, as the case may be, cash, shares of ourÂ common stock, or a combination of cash and shares of our common stock. The circumstances necessary for conversion were not met duringÂ the three or nine months endedÂ December 31, 2024. The Notes will become convertible at any time from and includingÂ April 15, 2025Â until the close of business on the second scheduled trading day immediately before the maturity date. As of December 31, 2024, the Notes were classified as a current liability on our unaudited Condensed Consolidated Balance Sheets.Â The if-converted value of the Notes did not exceed the principal balance as ofÂ December 31, 2024.Â Â Page 12 Table of Contents Â The net carrying amount of the Notes was as follows:Â As ofÂ December 31, 2024Â Â March 31, 2024 Â Principal outstanding Â \$97,500Â Â \$172,500Â Unamortized debt issuance costs Â (337)Â Â (1,302)Â Net carrying value Â \$97,163Â Â \$171,198Â We recognized interest expense on the Notes as follows:Â As ofÂ Three Months Ended December 31,Â Nine Months Ended December 31,Â Â 2024Â Â 2023Â Â 2024Â Â 2023 Â Coupon interest expense at 1.375% Â \$335Â Â \$593Â Â \$1,037Â Â \$1,779Â Amortization of debt issuance costs Â 134Â Â 231Â Â 412Â Â 692Â Total interest and amortization of debt issuance costs Â \$469Â Â \$824Â Â \$1,449Â Â \$2,471Â The effective interest rate on the Notes is approximately 1.9%.Â Note 8. Stockholders' Equity Â Stock-Based Compensation During the nine months ended December 31, 2024, we issued time-based restricted stock units ("RSUs") and performance-based restricted stock units ("PSUs") pursuant toÂ the Mesa Laboratories, Inc. Amended and Restated 2021 Equity Incentive Plan, which authorizes the issuance of 660Â shares of common stock to eligible participants.Â Stock-based compensation expense is included in cost of revenues, selling, general and administrative, and research and development expense in the accompanying unaudited Condensed Consolidated Statements of Operations.Â The following is a summary of RSU and PSU award activity for the nine months ended December 31, 2024:Â As ofÂ Time-Based Restricted Stock Units Â Performance-Based Restricted Stock Units Â Number of Shares Â Weighted-Average Grant Date Fair Value per Share Â Number of Shares Â Weighted-Average Grant Date Fair Value per Share Â Outstanding as of March 31, 2024 Â 76Â Â \$157.83Â Â 56Â Â \$240.96Â Awards granted(1) Â 117Â Â 93.46Â Â 41Â Â 102.57Â Awards forfeited Â (7)Â Â 123.42Â Â -Â Â -Â Awards distributed Â (36)Â Â 169.40Â Â (12)Â Â 302.06Â Outstanding as of December 31, 2024 Â 150Â Â \$106.44Â Â 85Â Â \$165.75Â (1) Balances for PSUs granted are reflected at target.Â Outstanding time-based RSUsÂ vest and settle in shares of our common stock on a one-for-one basis. The majority of RSUs granted to employees during the nine months ended December 31, 2024Â vest in equal installmentsÂ on the first, second, and third anniversariesÂ of the grant date. RSUs granted to non-employee directors during the nine months ended December 31, 2024Â vest one year from the grant date. We generally recognize the expense relating to RSUs, net of estimated forfeitures, on a straight-line basis over the vesting period.Â We grantÂ PSUs to certain key employees. The number of shares earned is determined at the end of each performance period based on Mesa's achievement of certain pre-defined targets per the related award agreement. The outstanding PSUs vest upon completion of the service period described in the award agreement. We recognize the expense relating to the performance-based RSUs based on the probable outcome of achievement of the performance targetsÂ on a straight-line basis overÂ the service period.Â During the nine months ended December 31, 2024, the Compensation Committee of the Board of Directors created a plan to award 41Â PSUs at target (the FY25 PSUs) to eligible employees. Of the 41 PSUs granted, 23 PSUs have a grant date fair value of \$89.82 and are subject to service and company financial performance conditions. The financial performance measurement period is from April 1, 2024 through March 31, 2027. The remaining 18 PSUs have a grant date fair value of \$119.54 and are subject toÂ service and market conditions, with theÂ market performance period measured from June 18, 2024 through June 18, 2027. The service period for all of the FY25 PSUs is from June 18, 2024 through June 18, 2027.Â The quantity of shares that will be earnedÂ based upon either company financial performanceÂ or market performance will range from 0% toÂ 200% of the targeted number of shares, if the defined minimum targets are not met, then no shares will vest.Â Page 13 Table of Contents Â The following is a summary of stock option award activity for the nine months ended December 31, 2024:Â As ofÂ Stock Options Â Shares Subject to Options Â Weighted-Average Exercise Price per Share Â Weighted-Average Remaining Contractual Life (Years) Â Aggregate Intrinsic Value Â Outstanding as of March 31, 2024 Â 194Â Â \$181.89Â Â 3.2Â Â \$26Â Awards granted Â -Â Â -Â Â -Â Â -Â Awards forfeited or expired Â (15)Â Â 150.98Â Â -Â Â -Â Awards exercised Â (1)Â Â 131.67Â Â -Â Â -Â Outstanding as of December 31, 2024 Â 178Â Â \$184.55Â Â 2.6Â Â \$287Â Â Note 9. (Loss) Earnings Per Share The following table presents a reconciliation of the denominators used in the computation of basic and diluted (loss) earnings per share:Â As ofÂ Three Months Ended December 31,Â Nine Months Ended December 31,Â Â 2024Â Â 2023Â Â 2024Â Â 2023 Â Net (loss) income available for shareholders Â \$(1,676)Â Â \$2,116Â Â \$5,140Â Â \$337Â Weighted average outstanding shares of common stock Â 5,429Â Â 5,393Â Â 5,413Â Â 5,384Â Dilutive effect of stock options Â -Â Â -Â Â -Â Â 1Â Dilutive effect of RSUs Â -Â Â -Â Â 51Â Â 9Â Fully diluted shares Â 5,429Â Â 5,396Â Â 5,464Â Â 5,394Â Â Basic (loss) earnings per share Â \$(0.31)Â Â \$0.39Â Â \$0.95Â Â \$0.06Â Diluted (loss) earnings per share Â \$(0.31)Â Â \$0.39Â Â \$0.94Â Â \$0.06Â Potentially dilutive securities include stock options and both time and performance based RSUs (collectively "stock awards"), as well as common shares underlying our Notes. Stock awards are excluded from the calculation of diluted EPS if they are subject to performance conditions that have not yet been achieved or if they are antidilutive. Diluted EPS does not consider the impact ofÂ potentially dilutive securities in periods in which there is a loss because the inclusion of the potential common shares would have an antidilutive effect in such cases.Â The following potentially dilutive awards were excluded from the calculation of diluted EPS:Â As ofÂ Three Months Ended December 31,Â Nine Months Ended December 31,Â Â 2024Â Â 2023Â Â 2024Â Â 2023 Â Assumed conversion of the Notes Â 344Â Â 608Â Â 354Â Â 608Â Stock awards that were anti-dilutive Â 406Â Â 277Â Â 202Â Â 223Â Total stock awards excluded from diluted EPS Â 750Â Â 885Â Â 556Â Â 831Â Shares underlying the Notes were excluded from the diluted EPS calculation for the three and nine months ended

December 31, 2024 and 2023 as the impact of assumed conversion of the Notes calculated under the if-converted method was antidilutive. The decrease in assumed conversion of the Notes is related to the partial repayment of the Notes that occurred during the nine months ended December 31, 2024 (see Note 7, "Indebtedness").

Table of Contents

A A A Note 10.

Income Taxes

We reported an income tax provision as follows:

A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2024 A A 2023

Income tax (benefit) expense \$ (541.9) \$ (170.4) \$ (360.4) \$ (65.3)

Effective tax rate 24.4% A (8.7%) A 6.5% A 206.6%

Page 14 Table of Contents

For interim income tax reporting, we estimate our annual effective tax rate and apply this effective tax rate to our year-to-date pre-tax income. Each quarter, our estimate of the annual effective tax rate is updated, and if the estimated effective tax rate changes, a cumulative adjustment is made. Additionally, the tax effects of significant unusual or infrequently occurring items are recognized as discrete items in the interim period in which the events occur. There is a potential for volatility in the effective tax rate due to several factors, including changes in the mix of the pre-tax income and the jurisdictions to which they relate, changes in tax laws and foreign tax holidays, settlement with taxing authorities, and foreign currency fluctuations.

The change in the effective tax rate for both the three and nine months ended December 31, 2024 compared to the prior year periods is primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024. The effective tax rate for both the three and the nine months ended December 31, 2024 differed from the statutory federal rate of 21% primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024.

A A Note 11. Commitments and Contingencies

We are party to various legal proceedings arising in the ordinary course of business. As of December 31, 2024, we are not a party to any legal proceeding that management believes could have a material adverse effect on our unaudited consolidated financial position, results of operations, or cash flows.

A We expect to pay approximately \$9,000 (at December 31, 2024 exchange rates) for the GKE holdback in April 2025, pending adjustments for potential indemnification losses that may arise. The liability is recorded at its discounted fair value of \$8,900 in other accrued expenses in our unaudited Condensed Consolidated Balance Sheets as of December 31, 2024.

A As part of the Belyntic acquisition, we agreed to pay the sellers a contingency based upon approval of contractually specified patents. The estimated fair value of the probable remaining contingent consideration was \$675.5 as of December 31, 2024.

A On January 2, 2025, a notice of allowance was issued for one of the two remaining pending patents, and we expect to pay the Belyntic sellers \$563 for the patent within fiscal year 2025 or early in fiscal year 2026, depending upon the final approval date. We expect the other remaining pending patent will likely be approved within one year of December 31, 2024.

A A Note 12. Segment Information

The following tables set forth our segment information:

A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A Revenues (a): A A A A A A A A A A A A Sterilization and Disinfection Control (b) A A \$23,507 A A \$19,338 A A \$68,669 A A \$52,345 A Clinical Genomics A A 12,667 A A 12,546 A A 35,570 A A 41,464 A Biopharmaceutical Development A A 12,374 A A 9,430 A A 36,112 A A 28,526 A Calibration Solutions A A 14,429 A A 12,159 A A 38,492 A A 34,948 A Total revenues A A \$62,840 A A \$53,473 A A \$178,843 A A \$157,283 A A A A A A A A A A A A Gross profit: A A A A A A A A A A A A Sterilization and Disinfection Control (b) A A \$16,461 A A \$13,951 A A \$47,191 A A \$38,018 A Clinical Genomics A A 6,948 A A 6,449 A A 19,344 A A 20,904 A Biopharmaceutical Development A A 7,539 A A 5,841 A A 22,665 A A 17,783 A Calibration Solutions A A 8,066 A A 7,212 A A 23,258 A A 20,050 A Reportable segment gross profit A A 39,754 A A 33,453 A A 112,458 A A 96,755 A Corporate and other (c) A A - A A (51) A A - A A (61) A Gross profit A A \$39,754 A A \$33,402 A A \$112,458 A A \$96,694 A A A A A A A A A A A A Reconciling items: A A A A A A A A A A A A Operating expense A A 33,975 A A 33,469 A A 97,591 A A 97,485 A Operating income (loss) A A 5,779 A A (67) A A 14,867 A A (791) A Non-operating expense (income), net A A 7,996 A A (2,013) A A 9,367 A A (475) A Loss earnings before income taxes A A (2,217) A A \$1,946 A A \$5,500 A A (\$316) A A (a) Intersegment revenues are not significant and are eliminated to arrive at consolidated totals. A (b) Includes post-acquisition GKE results during the three and nine months ended December 31, 2024 and 2023 beginning on October 16, 2023 for GKE GmbH and SAL GmbH, and beginning on January 1, 2024 for GKE China. A (c) Unallocated corporate expenses are reported within corporate and other.

A The following table sets forth inventories by reportable segment.

A Our chief operating decision maker is not provided with and does not regularly review any other segment asset information.

A A December 31, A A March 31, A A 2024 A A 2024 A Sterilization and Disinfection Control A A \$5,728 A A \$7,014 A Clinical Genomics A A 10,709 A A 11,813 A Biopharmaceutical Development A A 5,853 A A 6,304 A Calibration Solutions A A 5,832 A A 7,544 A Total Inventories A A \$28,122 A A \$32,675 A A Page 15 Table of Contents

A Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (Dollars in thousands, except per share amounts)

A Forward-Looking Statements

This Quarterly Report on Form 10-QA 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 "Exchange Act"). The forward-looking statements in this Quarterly Report on Form 10-QA do not constitute guarantees of future performance. Investors are cautioned that statements in this Quarterly Report on Form 10-QA which are not strictly historical statements, including, without limitation, express or implied statements or guidance regarding current or future financial performance and position; results of acquisitions; management's strategy, plans and objectives for future operations or acquisitions, product development and sales; and adequacy of capital resources and financing plans 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 management's beliefs and assumptions. In addition, other written and oral statements that constitute forward-looking statements may be made by the Company or on the Company's behalf. Words such as "seek," "believe," "may," "intend," "could," "expect," "anticipate," "plan," "estimate," "project," "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 risks associated with: our ability to successfully grow our business, including as a result of acquisitions; the effect that acquisitions have on our operations; our ability to consummate acquisitions at our historical rate and at appropriate prices, and our ability to effectively integrate acquired businesses and achieve desired results; the market acceptance of our products; technological or market viability of our products; potential reduced demand for our products, including as a result of competitive factors; conditions in the global economy and the particular markets we serve; significant developments or uncertainties stemming from governmental actions, including changes in trade policies and medical device regulations; the timely development and commercialization, and customer acceptance, of enhanced and new products and services; retirement of old products and customer migration to new products; the potential inaccuracy of projections of revenues, growth, operating results, profit margins, earnings, expenses, margins, tax rates, tax provisions, liquidity, cash flows, demand, and competition; the effects of actions taken to become more efficient or lower costs; supply chain challenges; cost pressures; laws regulating fraud and abuse in the health care industry, privacy and security of health and personal information; product liability; information security; outstanding claims, legal and regulatory proceedings; international business challenges including anti-corruption and sanctions laws and political developments; tax audits and assessments and other contingent liabilities; a foreign currency exchange rates and fluctuations in those rates; general economic, industry, and capital markets conditions; the timing of any of the foregoing; and assumptions underlying any of the foregoing.

A Such risks and uncertainties also include those listed in Item 1A "Risk Factors" in our Annual Report on Form 10-K for the year ended March 31, 2024 and in this report.

A The foregoing list sets forth many, but not all, of the factors that could impact our ability to achieve results described in any forward-looking statements.

A We disclaim any obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise.

A Overview

We are a global leader in the design and manufacture of life sciences tools and critical quality control solutions for regulated applications in the pharmaceutical, healthcare, and medical device industries. We offer products and services to help our customers ensure product integrity, increase patient and worker safety, and improve the quality of life throughout the world. We have manufacturing operations in the United States and Europe, and our products are marketed by our sales personnel in North America, Europe and Asia Pacific, and by independent distributors in these areas as well as throughout the rest of the world. We prefer markets in which we can establish a strong presence and achieve high gross profit margins.

A As of December 31, 2024, we managed our operations in four reportable segments, or divisions: Sterilization and Disinfection Control, Clinical Genomics, Biopharmaceutical Development, and Calibration Solutions.

A Each of our divisions is described further in "Results of Operations" below.

A Unallocated corporate expenses and other business activities are reported within Corporate and Other.

A Corporate Strategy

We strive to create stakeholder value and further our purpose of Protecting the Vulnerable® by growing our business both organically and through acquisitions, by improving our operating efficiency, and by continuing to hire, develop and retain top talent.

A As a business, we commit to our purpose of Protecting the Vulnerable® every day by taking a customer-focused approach to developing, building, and delivering our products. We serve a broad set of industries, in particular the pharmaceutical, healthcare, and medical device verticals, in which the safety, quality, and efficacy of products is critical, by delivering the highest quality products possible.

A We are committed to protecting the communities we serve.

A Organic Revenues Growth

Organic revenues growth is driven by expansion of our customer base, increases in sales volumes, new product offerings, and price increases, and may be affected positively or negatively by changes in foreign currency rates. Our ability to increase organic revenues is affected by general economic conditions, both domestic and international, customer capital spending trends, competition, and the introduction of new products. Our policy is to price our products competitively and, where possible, we pass along cost increases to our customers in order to maintain our margins. We typically evaluate costs and pricing annually.

A With a price increase effective January 1,

A Inorganic Growth - Acquisitions

Over the past decade, we have consummated a number of acquisitions as part of our growth strategy. We may pursue acquisitions of businesses, technologies, or intangibles such as customer lists, depending on available strategic opportunities.

A Our acquisitions have allowed us to expand our product offerings and the industries we serve, globalize our company, and increase the scale at which we operate. In turn, this growth affords us the ability to improve our operating efficiency, extend our customer base, and further the pursuit of our purpose: Protecting the Vulnerable®.

A Improving Our Operating Efficiency

Our ongoing goal is to maximize value in our existing businesses and those we acquire by implementing efficiencies in our manufacturing, commercial, engineering, and administrative operations. We achieve efficiencies using the four pillars that make up the Mesa Way, which is our customer-centric, lean-based system for continuously improving and operating the manufacturing and administrative aspects of our high-margin, niche businesses.

A The Mesa Way is focused on: "Measuring What Matters" based on our customers' perspectives and setting high standards of performance; "Empowering Teams" to improve operationally and exceed customer expectations; "Sustainably Improving" using lean-based tools designed to help us identify and prioritize the best opportunities; and "Always Learning" so that performance continuously improves.

A Page 16 Table of Contents

A Our gross profit is affected by many factors, including product mix, foreign currency rates, manufacturing efficiencies, costs of products and labor, and price competition. Historically, as we have integrated our acquisitions and taken advantage of manufacturing efficiencies, our gross profit percentages for some products have improved. There are, however, differences in gross profit percentages between product lines, and ultimately our mix of revenues will continue to impact our overall gross profit.

A Hire, Develop, and Retain Top Talent

At the center of our organization are talented people who are capable of taking on new challenges using a team-based approach. Indeed, it is our exceptionally talented workforce that works together to find ways to continuously and sustainably improve our products, our services, and ourselves, resulting in long-term value creation for our stakeholders.

A General Trends

We are a global company with multinational operations. During the nine months ended December 31, 2024, approximately 52% of our revenues were earned outside of the United States. We face both opportunities and challenges resulting from our geographic and industry diversity, such as operating in varied economic environments across served geographies, technology changes in served markets, expansion opportunities in high-growth markets, the impacts of foreign currency movements against the U.S. dollar ("USD"), changes in trends and costs of a global labor force, and increasing regulation. Our continued revenues growth will depend on our ability to (i) continue commercial efforts to expand business with new and existing customers, (ii) identify, consummate and integrate acquisitions successfully, and (iii) develop or purchase differentiated products and services. We maintain our profitability by improving the effectiveness of our sales forces, by continuing to pursue cost reduction initiatives, and by improving our operating efficiency.

A During the first three quarters of fiscal year 2025, our revenues increased 13.7% versus the comparable prior year period. GKE, which we purchased during the third quarter of fiscal year 2024, contributed \$18,971 of revenues in the first three quarters of fiscal year 2025 compared with \$3,837 from the acquisition date in mid-October 2023 through December 31, 2023.

A Organic revenues increased 4.3% during the first three quarters of fiscal year 2025, primarily as a result of organic revenues growth of 26.6% from our Biopharmaceutical Development division, 10.1% from our Calibration Solutions division, and 2.9% from our Sterilization and Disinfection Control division, partially offset by a 14.2% organic revenue decline in our Clinical Genomics division.

A Our Biopharmaceutical Development division

(loss) income \$ (1,676) \$ 2,116 \$ (179.2) \$ 5,140 \$ 337 \$ 1,425.2 % Reportable Segments Sterilization and Disinfection Control Our Sterilization and Disinfection Control division manufactures and sells biological, chemical and cleaning indicators used to assess the effectiveness of sterilization, decontamination, disinfection and cleaning processes in the pharmaceutical, medical device, and healthcare industries. The division also provides testing and laboratory services, mainly to the dental and pharmaceutical industries. Sterilization and Disinfection Control products are disposable and are used on a routine basis. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Revenues \$ 23,507 \$ 19,338 \$ 21.6 % \$ 68,669 \$ 52,345 \$ 31.2 % Gross profit \$ 16,461 \$ 13,951 \$ 18.0 % \$ 47,191 \$ 38,018 \$ 24.1 % Gross profit as a % of revenues \$ 70.0 % \$ 72.1 % \$ (2.1 pt) \$ 68.7 % \$ 72.6 % \$ (3.9 pt) The Sterilization and Disinfection Control division's revenues increased 21.6% and 31.2% for the three and nine months ended December 31, 2024, respectively, versus the comparable prior year periods. The increase is primarily attributable to the GKE acquisition, which contributed inorganic revenues of \$2,857 and \$14,974 for the three and nine months ended December 31, 2024, respectively. The division's organic revenues increased 7.8% and 2.9% for the three and nine months ended December 31, 2024 compared to the corresponding prior year periods. Excluding GKE, orders increased 13.1% and 8.5% for the three and nine months ended December 31, 2024, driven by strong commercial execution. Increased orders, in turn, resulted in an increase in past due backlog as of December 31, 2024 versus both September 30, 2024 and March 31, 2024. We expect to increase order fulfillments during the fourth quarter which will enable us to lower our past due backlog, and drive increased organic revenue growth for fiscal year 2025. For the three months ended December 31, 2024, gross profit percentage declined because the division made larger than normal sales to certain distributors at lower than typical margins, and experienced unfavorable changes in foreign currency. The division benefitted from \$412 lower non-cash inventory step-up amortization in the three months ended December 31, 2024 versus the comparable prior year period. For the nine months ended December 31, 2024, gross profit declined because we incurred \$820 more non-cash inventory step-up amortization costs versus the comparable prior year period, made larger than normal sales to certain distributors at lower than typical margins, and experienced unfavorable changes in foreign currency. Excluding the impact of non-cash inventory step up amortization, gross profit percentage would have been 70.0% and 74.3% and 70.5% and 73.4% for the three and nine months ended December 31, 2024 and 2023, respectively. Clinical Genomics The Clinical Genomics division develops, manufactures and sells highly sensitive, low-cost, high-throughput genetic analysis tools and related consumables and services that enable clinical research labs and contract research organizations to perform genomic testing for a broad range of research applications in several therapeutic areas, such as screenings for hereditary diseases, pharmacogenetics, oncology related applications, and toxicology research. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Revenues \$ 12,667 \$ 12,546 \$ 1.0 % \$ 35,570 \$ 41,464 \$ (14.2 %) Gross profit \$ 6,948 \$ 6,449 \$ 7.7 % \$ 19,344 \$ 20,904 \$ (7.5 %) Gross profit as a % of revenues \$ 54.9 % \$ 51.4 % \$ 3.5 pt \$ 54.4 % \$ 50.4 % \$ 4.0 pt The Clinical Genomics division's revenues increased 1.0% for the three months ended December 31, 2024 versus the comparable prior year period, primarily due to strong consumables growth in North America, partially offset by decreased revenues in China. Revenues in China have been impacted since the third quarter of fiscal year 2024 by lower demand, driven by weakness in spending on capital equipment as China's government continues to play a significant role in regulating industry development by imposing sector-specific policies and maintaining control over China's economic growth through setting monetary policy and determining treatment of particular industries. Additionally, hardware sales in the United States continue to be impacted by increased regulations of new lab-developed tests. Clinical Genomics revenues decreased 14.2% for the nine months ended December 31, 2024 versus the comparable period primarily due to decreased revenues in China, and to a lesser extent, lower hardware sales in the United States as a result of regulatory challenges that affected results for the three months ended December 31, 2024. Page 18 Table of Contents Gross profit percentage for the Clinical Genomics division increased 3.5 and 4.0 percentage points for the three and nine months ended December 31, 2024 versus the comparable prior year periods, primarily due to lower intangibles amortization expense as a result of an impairment charge recorded in the fourth quarter of fiscal year 2024. Excluding amortization expense, gross profit as a percentage of revenues would have decreased 6.3% for the three months ended December 31, 2024 versus the comparable prior year period. Primarily attributable to lower margin instrument sales into the APAC region. Excluding amortization expense, gross profit as a percentage of revenues would have decreased 4.7% for the nine months ended December 31, 2024 versus the comparable prior year period as a result of lower revenues on a partially fixed cost base and lower margin instrument sales into the APAC region. The lower margin sales into APAC reflect a change in our strategy for growth in this division that we expect will drive our future consumables sales. Biopharmaceutical Development Our Biopharmaceutical Development division develops, manufactures, and sells automated systems for protein analysis (immunoassays) and peptide synthesis solutions. Immunoassays and peptide synthesis solutions accelerate the discovery, development, and manufacture of biotherapeutic therapies, among other applications. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Revenues \$ 12,237 \$ 9,430 \$ 29.8 % \$ 36,112 \$ 28,526 \$ 26.6 % Gross profit \$ 7,539 \$ 5,841 \$ 29.1 % \$ 22,665 \$ 17,783 \$ 27.5 % Gross profit as a % of revenues \$ 61.6 % \$ 61.9 % \$ (0.3 pt) \$ 62.8 % \$ 62.3 % \$ 0.5 pt The Biopharmaceutical Development division's revenues increased 29.8% and 26.6% for the three and nine months ended December 31, 2024 versus the comparable prior year periods, primarily due to increased capital spending in the biopharmaceutical markets. Revenues from hardware and software sales increased 69.7% and 85.5% for the three and nine months ended December 31, 2024, respectively, versus the comparable prior year periods. Consumables revenues increased 20.3% for the three months ended December 31, 2024 versus the comparable prior year period as customers who purchased hardware over the past 12 months are adopting our technology into their business, increasing their demand for consumables. For the three months ended December 31, 2024, gross margin as a percentage of revenues for the Biopharmaceutical Development division decreased slightly as a result of unfavorable product mix. For the nine months ended December 31, 2024, gross margin as a percentage of revenues for the Biopharmaceutical Development division increased slightly, primarily as a result of higher revenues on a partially fixed cost base and a favorable product mix, partially offset by foreign currency impacts. Calibration Solutions The Calibration Solutions division develops, manufactures and sells quality control products using principles of advanced metrology to measure or calibrate critical chemical or physical parameters in various dialysis, process monitoring, instrument monitoring, environmental monitoring, gas flow, environmental air quality, and torque applications, primarily in medical device manufacturing, pharmaceutical manufacturing, laboratory, and hospital environments. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Revenues \$ 14,429 \$ 12,159 \$ 18.7 % \$ 38,492 \$ 34,948 \$ 10.1 % Gross profit \$ 8,806 \$ 7,212 \$ 22.1 % \$ 23,258 \$ 20,050 \$ 16.0 % Gross profit as a % of revenues \$ 61.0 % \$ 59.3 % \$ 1.7 pt \$ 60.4 % \$ 57.4 % \$ 3.0 pt The Calibration Solutions division's revenues increased 18.7% and 10.1%, respectively, for the three and nine months ended December 31, 2024 versus the comparable prior year periods, primarily due to commercial efforts and price increases, particularly in our Renal Care product lines. The Calibration Solutions division's gross profit percentage increased 1.7 and 3.0 percentage points for the three and nine months ended December 31, 2024, respectively, versus the comparable prior year periods. Primarily due to increased revenues on a partially fixed cost base and a favorable product mix. Operating Expense Operating expense increased 1.5% and 0.1% for the three and nine months ended December 31, 2024, respectively, versus the comparable prior year periods. Excluding decreased amortization expense resulting from prior year impairments of intangible assets, operating expense increased 10.5% and 7.6% for the three and nine months ended December 31, 2024. Selling Expense Selling expense is driven primarily by labor costs, including salaries and commissions; accordingly, it may vary with sales levels. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Selling expense \$ 10,450 \$ 9,737 \$ 7.3 % \$ 30,415 \$ 28,363 \$ 7.2 % As a percentage of revenues \$ 18.2 % \$ 16.1 % \$ (2.1 pt) \$ 17.0 % \$ 18.0 % \$ (1.0 pt) Selling expense for the three and nine months ended December 31, 2024 increased 7.3% and 7.2%, respectively, versus the comparable prior year periods. The increases are primarily attributable to increased performance-based compensation expense as our financial results improved and, for the nine months ended December 31, 2024, the addition of GKE's selling expenses. Page 19 Table of Contents General and Administrative Expense Labor costs, amortization of intangible assets, and non-cash stock-based compensation drive the substantial majority of our general and administrative expense. Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Research and development expense \$ 5,053 \$ 4,294 \$ 17.7 % \$ 14,422 \$ 14,098 \$ 2.3 % As a percentage of revenues \$ 8.0 % \$ 8.0 % \$ - pt \$ 8.1 % \$ 9.0 % \$ (0.9 pt) Research and development expenses increased 17.7% and 2.3% for the three and nine months ended December 31, 2024, respectively, versus the comparable prior year periods, primarily as a result of higher performance-based compensation expense, partially offset by lower salaries expense, which is expected to continue to future periods, and reduced project-specific research and development supplies purchases following our fiscal year 2024 cost containment efforts. Non-operating Expense (Income), Net \$ Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Interest expense and amortization of debt issuance costs \$ 2,842 \$ 1,856 \$ 53.1 % \$ 9,340 \$ 3,809 \$ 145.2 % (Gain) on extinguishment of convertible senior notes \$ - \$ - \$ N/A \$ (2,887) \$ - \$ N/A Other expense (income), net \$ 5,154 \$ (3,869) \$ (233.2 %) \$ 2,914 \$ (4,284) \$ (168.0 %) Non-operating expense (income), net \$ 7,996 \$ (2,013) \$ (497.2 %) \$ 9,367 \$ (475) \$ (2,072.0 %) We incurred significantly more interest expense during the three and nine months ended December 31, 2024 versus the comparable prior year periods as we re-financed our Credit Facility during the first quarter of fiscal year 2025 in order to repurchase \$75,000 in aggregate principal of our Notes. We had \$98,553 outstanding under our Credit Facility as of December 31, 2024, net of discounts on the Term Loan, compared to \$62,000 outstanding under our Credit Facility as of December 31, 2023. Amounts outstanding under the Credit Facility bear interest at a significantly higher rate than amounts outstanding under the Notes. The \$2,887 gain on extinguishment of our Notes represents the difference between the fair value and the carrying value of the Notes and unamortized debt issuance costs at the time of partial extinguishment in the first quarter of fiscal year 2025. During the third quarter of our prior fiscal year, we issued an intercompany loan denominated in USD to a wholly owned, euro-denominated subsidiary to fund the purchase of GKE. We recorded net unrealized foreign currency losses on the loan for the three and nine months ended December 31, 2024 due to the strengthening of the USD against the euro. Income Taxes \$ Three Months Ended December 31, Total \$ Nine Months Ended December 31, Total \$ 2024 \$ 2023 \$ Change \$ 2024 \$ 2023 \$ Change Income tax (benefit) expense \$ (541) \$ (170) \$ 218.2 % \$ 360 \$ (653) \$ (155.1 %) Effective tax rate \$ 24.4 % \$ (8.7 %) \$ 33.1 pt \$ 6.5 % \$ 206.6 % \$ (200.1 pt) Our effective income tax rate was 24.4% for the three months ended December 31, 2024 compared to (8.7%) for the three months ended December 31, 2023. Our effective income tax rate was 6.5% for the nine months ended December 31, 2024 compared to 206.6% for the nine months ended December 31, 2023. The change in the effective tax rate for both the three and nine months ended December 31, 2024 compared to the prior year periods is primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024. The effective tax rate for both the three and the nine months ended December 31, 2024 differed from the statutory federal rate of 21% primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024. Our future effective income tax rate depends on various factors, such as changes in tax laws, regulations, accounting principles, or interpretations thereof, and the geographic composition of our pre-tax income. We carefully monitor these factors and adjust our effective income tax rate accordingly. Net (Loss) Income Net (loss) income varies with changes in revenues, gross profit, operating expense, and currency exchange rate fluctuations. Net (loss) included \$13,002, \$10,004 and \$4,028 of non-cash amortization of intangible assets acquired in business combinations, stock-based compensation expense, and depreciation expense, respectively, for the nine months ended December 31, 2024. Page 20 Table of Contents Market-Based Awards Performance-based restricted stock awards granted during fiscal year 2025 and fiscal year 2024 included a market-based component. Liquidity and Capital Resources Our sources of liquidity include cash generated from operations, cash and cash equivalents on hand, cash available from our Credit Facility and our Open Market Sale Agreement, working capital, and potential additional equity and debt offerings. We believe that cash flows from operating activities and potential cash provided by borrowings under our Credit Facility or funds from our Open Market Sale Agreement, when necessary, will be sufficient to meet our ongoing operating requirements, scheduled debt interest and principal payments, dividend payments, and anticipated capital expenditures. Our more significant uses of resources have historically included acquisitions, payments of debt and interest obligations, long-term capital expenditures, and quarterly dividends to shareholders. During fiscal year 2024, we acquired GKE for \$87,187, net of cash and financial liabilities acquired and inclusive of working capital adjustments. We expect to pay a holdback of approximately \$9,000 (at December 31, 2024 exchange rates) related to the acquisition in April 2025, pending adjustments for potential indemnification losses. Working capital is the amount by which current assets exceed current liabilities. We had working capital of \$45,033 and \$65,040 as of December 31, 2024 and March 31, 2024, respectively. Our working capital balance was negative as of December 31, 2024 because the balance on our Notes, due August 15, 2025, is due within twelve months of December 31, 2024 and is therefore classified as a current liability. As of December 31, 2024 and March 31, 2024, we had \$30,956 and \$28,214, respectively, of cash and cash equivalents. During the first quarter of fiscal year 2025, and in anticipation of settling the Notes, we amended and restated our Credit Facility to: Allow proceeds from the Credit Facility to be used to redeem some or all of the Notes. Add the \$75,000 senior secured Term Loan. Extend the maturity of the Credit Facility to April 2029. Make certain changes to the financial covenants. Under the revised Credit Facility, we maintain access to our Revolver, allowing access to up to \$125,000 of borrowings. During fiscal year 2024, we borrowed a total of \$71,000 under the Revolver to fund the majority of the GKE acquisition. As of December 31, 2024, \$27,000 remained outstanding under the Revolver. In January 2025, we repaid an additional \$4,500 under the Revolver. We used proceeds of \$75,000 from borrowings under the Term Loan to enter into separate, privately negotiated purchase agreements with a limited number of holders of our Notes. Pursuant to the purchase agreements, we purchased \$75,000 aggregate principal amount of the Notes for an aggregate cash purchase price of approximately \$71,250. Following these transactions, \$97,500 aggregate principal amount of the Notes remained outstanding and is now classified as current in our unaudited Condensed Consolidated Balance Sheets. Using the interest rate and debt balance outstanding effective as of January 31, 2025, we expect to incur cash interest expense within the next twelve months of approximately \$7,000 (adjusted for required future principal payments) on undiscounted borrowings of \$94,688 related to the Credit Facility as of the date of this filing. We have \$97,500 due on the Notes in August 2025. Together with the current portion of our Term Loan, the cash needed for principal debt payments is \$101,250 within the next twelve months. We plan use cash on hand, draws against our Revolver, which had \$102,500 available as of the date of this filing, and cash generated from operating activities over the next two quarters to fund the amounts due. In April 2022, we entered into an Open Market Sale Agreement pursuant to which we may issue and sell, from time to time, shares of our common stock with an aggregate value of up to \$150,000. We have not sold any shares under this agreement. We routinely evaluate opportunities for strategic acquisitions. Future material acquisitions may require us to obtain additional capital, assume additional third-party debt or incur other long-term obligations. We believe that we have the ability to issue more equity or debt in the future in order to finance our acquisition and investment activities. However, additional equity or debt financing, or other transactions, may not be available on acceptable terms, if at all. We may from time to time repurchase or take other steps to reduce our debt. These actions may include retirements or refinancing of outstanding debt through tender offers, privately negotiated transactions, or otherwise. The amount of debt that may be retired, if any, could be material.

Retirement would be decided at the sole discretion of our Board of Directors and would depend on market conditions, our cash position, and other considerations. Dividends We have paid regular quarterly dividends since 2003. We paid dividends of \$0.16 per share during the three months ended December 31, 2024, as well as each quarter of fiscal years 2025 and 2024. In January 2025, we announced that our Board of Directors declared a quarterly cash dividend of \$0.16 per share of common stock, payable on March 17, 2025, to shareholders of record at the close of business on February 28, 2025. Goodwill and Intangible Assets We perform analyses at least quarterly to identify potential impairment indicators and assess whether it is more likely than not that any of our five goodwill reporting units (Sterilization and Disinfection Control, Clinical Genomics, Immunoassays (BPD), Peptides (BPD), and Calibration Solutions) is impaired. We determined our goodwill reporting units are not impaired as of December 31, 2024; however, changes in discount rates due to market volatility, failure to meet previously forecasted cash flows, and various other factors could result in future impairment losses in certain of our reporting units. Page 21 Table of Contents Impairment losses recorded in the prior fiscal year related to our Clinical Genomics and Immunoassays reporting units resulted in a 0% cushion between their fair and carrying values as of our most recent annual impairment testing date, January 1, 2024. Our Biopharmaceutical Development division's Immunoassays reporting unit has exceeded the performance expectations used in our previous impairment models; however, the Peptides reporting unit within our Biopharmaceutical Development Division is sensitive to changes in inputs and assumptions due to the reporting unit's small size, and Peptides may become impaired in the future if it does not meet performance expectations, or if the estimated weighted average cost of capital increases. As of our prior year goodwill testing date, Peptides' fair value exceeded its carrying value by approximately 36%. Our qualitative analyses to date indicate that it is more likely than not that the Peptides reporting unit is unimpaired as of December 31, 2024. Goodwill and other intangible assets net of amortization related to the Peptides reporting unit totaled \$13,709 and \$918, respectively, as of December 31, 2024. As a result of cost saving measures deployed late in fiscal year 2024 and continuing throughout fiscal year 2025, we do not believe our Clinical Genomics division is impaired as of December 31, 2024 despite lower than anticipated revenues; however, the Clinical Genomics reporting unit remains susceptible to future impairment losses if actual results differ significantly from the assumptions used in our impairment models. Goodwill and other intangible assets net of amortization related to the Clinical Genomics reporting unit totaled \$16,869 and \$9,617, respectively, as of December 31, 2024. When and if we determine it is more likely than not that a reporting unit is impaired based on robust qualitative assessments, or if we otherwise so choose, we perform quantitative goodwill testing with the aid of external valuation specialists to assess the fair values of our reporting units using weighted Gordon Growth and Exit Multiple discounted cash flow models and guideline public company models. Fair value estimates for goodwill testing require the use of unobservable Level 3 inputs, including a but not limited to a discount rates, the expected useful lives of assets, competitors, and anticipated revenues growth and margins. We establish inputs and assumptions through discussions with external valuation experts, and we consider market indicators, reputable valuation research resources, and internal expectations of future performance in developing our models. Fair value estimates are subject to uncertainty such that there is a reasonable possibility that further impairment losses, which could be material to our consolidated financial statements, may occur in the future. We performed quantitative impairment tests over our Clinical Genomics, Immunoassays, and Peptides reporting units in the prior fiscal year. We intend to perform quantitative impairment tests for all reporting units for our annual impairment testing in the fourth quarter of fiscal year 2025. Cash Flows Our cash flows from operating, investing, and financing activities were as follows (in thousands): Nine Months Ended December 31, 2024 2023 Net cash provided by operating activities \$3,143 \$31,250 Net cash (used in) investing activities \$ (3,492) \$ (81,732) Net cash (used in) provided by financing activities \$ (28,316) \$ 45,769 Cash flows from operating activities for the nine months ended December 31, 2024 provided \$34,143, an increase of \$2,893 versus the comparable prior year period. The increase in cash flows from operating activities for the nine months ended December 31, 2024 compared to December 31, 2023 was primarily a result of: improved performance, including an increase in revenues of \$21,560 compared to the prior year period, partially offset by \$5,600 more cash paid for interest on our Credit Facility as we had more debt outstanding for a longer portion of fiscal year 2025. Other than the GKE acquisition, cash used in investing activities for the nine months ended December 31, 2024 increased compared to the nine months ended December 31, 2023 as we purchased equipment for our leased facility used by our Biopharmaceutical Development division. Cash used in financing activities resulted in a \$28,316 use of cash for the nine months ended December 31, 2024. Net proceeds from borrowings under the Term Loan in the first quarter of fiscal year 2025 were almost fully offset by payments made to repurchase the Notes. We used \$23,500 of cash to repay the Revolver and \$2,813 to pay down the Term Loan in the nine months ended December 31, 2024, compared to \$22,000 to pay down the Revolver in the comparable prior year period. Contractual Obligations and Other Commercial Commitments We are party to contractual obligations that involve commitments to remit payments to third parties in the ordinary course of business. For a description of our contractual obligations and other commercial commitments as of March 31, 2024, see our Annual Report on Form 10-K for the fiscal year ended March 31, 2024, filed with the Securities and Exchange Commission on June 28, 2024. On a consolidated basis, as of December 31, 2024, we had contractual obligations for open purchase orders of approximately \$19,160 for routine purchases of supplies and inventory, the majority of which are payable in less than one year. As part of the GKE acquisition, we agreed to pay the GKE sellers approximately \$9,000 (at December 31, 2024 exchange rates) of the acquisition price in April 2025, pending adjustments for potential indemnification losses that may arise. As part of the Belyntic acquisition, we agreed to pay \$1,500 to the sellers if specified patents are issued. The estimated fair value of the probable remaining contingent consideration was \$650 as of December 31, 2024. On January 2, 2025, a notice of allowance was issued for one of the two remaining pending patents, and we expect to pay the Belyntic sellers \$563 for the patent within fiscal year 2025 or early in fiscal year 2026, depending upon the final patent approval date. We expect the other remaining patent will likely be approved within one year of December 31, 2024. See "Liquidity and Capital Resources" for information related to future required debt and other payments. Page 22 Table of Contents Critical Accounting Policies and Estimates Critical accounting estimates are those that we believe are both significant and that require us to make difficult, subjective, or complex judgments, often because we need to estimate the effect of inherently uncertain matters. These estimates are based on historical experience and various other factors that we believe to be appropriate under the circumstances. Certain accounting policies that require significant management estimates and are deemed critical to our results of operations or financial position are discussed in our Annual Report on Form 10-K for the year ended March 31, 2024, in the Critical Accounting Policies and Estimates section of Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations. Although we believe that our estimates, assumptions, and judgments are reasonable, they are based upon information presently available. Actual results may differ significantly from these estimates under different assumptions, judgments, or conditions. Non-GAAP Measures In addition to the financial measures prepared in accordance with generally accepted accounting principles, we present organic revenues growth (reported revenues growth excluding revenues from recent acquisitions), as a supplemental non-GAAP financial measure. We believe that presenting supplemental organic revenues growth facilitates comparability between current period and prior period information, and provides insight into our short-term and long-term financial trends. We use organic revenues growth internally to forecast and evaluate our operating performance and to compare revenues of current periods to prior periods, for financial and operating decision-making, and for compensation purposes. A reconciliation of organic revenues growth to total revenues growth is as follows: Total Revenues Growth Impact of Acquisitions Organic Revenues Growth (non-GAAP) Three Months Ended December 31, 2024 Three Months Ended December 31, 2023 Total Revenues Growth December 31, 2024 2023 2024 2023 2024 2023 Sterilization and Disinfection Control 21.6 % 18.8 % 13.8 % 23.6 % 7.8 % Clinical Genomics 1.0 % 19.5 % - % - % 1.0 % 19.5 % Biopharmaceutical Development 29.8 % 19.0 % - % - % 1.0 % 19.5 % Calibration Solutions 18.7 % 12.9 % - % - % 18.7 % 12.9 % Total Company 17.5 % 1.5 % 4.9 % 7.1 % 12.6 % 8.6 % Total Revenues Growth Impact of Acquisitions Organic Revenues Growth (non-GAAP) Nine Months Ended December 31, 2024 Nine Months Ended December 31, 2023 Total Revenues Growth December 31, 2024 2023 2024 2023 2024 2023 Sterilization and Disinfection Control 31.2 % 9.0 % 28.3 % 2.9 % 1.0 % Clinical Genomics 14.2 % 14.6 % - % - % 14.2 % 14.6 % Biopharmaceutical Development 26.6 % 17.9 % - % 0.3 % 26.6 % 18.2 % Calibration Solutions 10.1 % 8.6 % - % - % 10.1 % 8.6 % Total Company 13.7 % 3.8 % 9.4 % 4.3 % 6.2 % Item 3. Quantitative and Qualitative Disclosures about Market Risk Foreign Currency Exchange Rates We face an exchange rate risk from transactions with customers in countries outside the United States and from intercompany transactions between affiliates. Transactional exchange rate risk arises from the purchase and sale of goods and services in currencies other than the functional currency of the applicable subsidiary. We also face translational exchange rate risk related to the translation of financial statements of our foreign operations into USD, our functional currency. Costs incurred and sales recorded by subsidiaries operating outside of the United States are translated into USD using average exchange rates effective during the respective period. As a result, we are exposed to movements in the exchange rates of various currencies against the USD. Our Biopharmaceutical Development division is particularly susceptible to currency exposures since it incurs a substantial portion of its expenses in Swedish Krona, while most of the division's revenue contracts are in USD and euros. Generally, the USD strengthening against major currencies adversely impacts our reported revenues, but to a lesser extent positively impacts our reported expenses. The ultimate impact to gross profit as a percentage of revenue depends on the magnitude of changes in foreign currencies. As we continue to consummate acquisitions of companies with foreign operations or with functional currencies other than the USD, our foreign currency exchange rate risk will increase. The effect of a change in currency exchange rates on our international subsidiaries' assets and liabilities is reflected in the accumulated other comprehensive income component of stockholders' equity. Interest Rates Our Credit Facility bears interest at either a base rate or a SOFR rate plus an applicable spread. Based on the balance outstanding as of December 31, 2024 and required future principal payments, we estimate that if interest rates increased 1 percentage point, we would incur approximately \$930 of additional cash interest expense per year. Inflation Risk Inflation generally impacts us by increasing our costs of labor, materials, and freight. We have historically offset inflationary cost increases by our annual price increases, and inflation has not had a significant impact on our financial statements. However, any price increases imposed may lead to declines in sales volume if competitors do not similarly adjust prices. We cannot reasonably estimate our ability to successfully recover any impact of inflation cost increases into the future. Other We have no derivative instruments. We have minimal exposure to commodity market risks. Page 23 Table of Contents Item 4. Controls and Procedures We maintain disclosure controls and procedures (as defined in Rule 13a-15(e) promulgated under the Exchange Act) that are designed to ensure that information required to be disclosed in Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. Evaluation of Disclosure Controls and Procedures As of December 31, 2024, we carried out an evaluation, under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based on the foregoing, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were not effective as of the end of the period covered by this report, due to a material weakness identified in the fourth quarter of fiscal year 2024 that has not yet been remediated. Two of the material weaknesses identified in the fourth quarter of fiscal year 2024 were remediated in the first quarter of fiscal year 2025. The material weaknesses are described further below. Prior Year Material Weaknesses 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 the Company's annual or interim financial statements will not be prevented or detected on a timely basis. As disclosed in Part II Item 9A, "Controls and Procedures" in our annual report on Form 10-K for the year ended March 31, 2024, during fiscal year 2024 we identified three material weaknesses in our internal controls: Controls over technical accounting for complex and non-routine transactions - We did not have adequate supervision and review controls over complex technical accounting related to non-routine goodwill impairment transactions and related analyses. Controls over determining the useful lives of our recently acquired intangibles - During the GKE acquisition's measurement period, we selected a useful life over which to amortize acquired customer relationships, but there was evidence that a longer useful life may be appropriate. Certain controls related to change management and logical access controls related to our enterprise resource planning tool, part of our information technology general controls set, were not operating effectively for a portion of the year ended March 31, 2024. The failure of these information technology general controls extended to automated application controls across portions of financial reporting and business transaction cycles which rely upon the affected information technology application controls. Remediation Status for Material Weaknesses in Internal Control Over Financial Reporting Beginning during the three months ended June 30, 2024, and continuing into the three months ended December 31, 2024, we implemented our previously disclosed remediation plans: Technical accounting for complex and non-routine transactions - We executed two transactions during the first quarter of our fiscal year 2025, partial repurchases of the Notes and the amendment and modification of our Credit Facility, which met our definition of complex technical accounting matters for which we should obtain technical accounting support from an outside expert. We identified and selected qualified third-party advisors, including validation that that the advisors possessed adequate knowledge to address the complexities of the applicable technical accounting matters, and we ensured analyses were appropriately reviewed, ensuring consensus on accounting conclusions. Following the execution of our remediation plan for these transactions, management has concluded that the material weakness has been remediated. Assessment of useful lives of recently acquired intangibles - We modified the useful life of our customer relationship intangible and recorded an immaterial cumulative effect true-up to release amortization expense during the three months ended June 30, 2024. Following the execution of our remediation plan related to the useful lives of recently acquired intangible assets, management has concluded that the material weakness has been remediated. Information technology general controls ("ITGCs") - We have not yet remediated the material weakness related to ITGCs. In fiscal year 2024, our risk assessment process was insufficient, and as a result, we did not design user access controls covering our ERP that operate at an adequate level of precision to appropriately identify the user groups tested in certain of our other logical access and change management controls. Therefore, we have designed a new user access control regarding users of our ERP that will operate at a higher degree of precision compared with our existing user access control and will enhance our review of roles, particularly roles with the ability to add, edit or delete transactions. Management has modified the reports used as source data to test change management and logical access controls in our enterprise resource planning tool, which we expect will allow us to conclude that the related controls are operating effectively by the end of fiscal year 2025. We have engaged a third party specialist to assist in the remediation of the material weakness associated with our ITGCs. Changes in Internal Control Over Financial Reporting We acquired GKE during the third quarter of our fiscal year ended March 31, 2024. As such, GKE's control environment and processes are included in the scope of our assessment of our internal controls over financial reporting beginning in the third quarter of our fiscal year 2025. Other than as discussed above, during the three months ended December 31, 2024 there were no changes to our internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) that have materially affected or are reasonably likely to materially affect our internal control over financial reporting. Page 24 Table of Contents Part II. Other Information Item 1. Legal Proceedings See Note 11. Commitments and Contingencies within Item 1. Financial Statements for information regarding any legal proceedings in which we may be involved. Item 1A. Risk Factors During the three months ended December 31, 2024, there were no material changes from the risk factors described in Part 1, Item 1A. Risk Factors of our Annual Report on Form 10-K for the year ended March 31, 2024. Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Issuer Purchases of Equity Securities The following table provides information about the Company's purchases of equity securities for the periods indicated: Total Number of Shares Purchased(1) Average Price Paid Per Share (2) Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs(2) Maximum Number of Shares That May Yet be Purchased Under the Plans or Programs (3) October 2024 8 92.74 162,486 November 2024 14 102.44 162,486 December 2024 10 92.74 162,486 Total 32 96.98 162,486 (1) Shares purchased during the period were transferred to the Company from employees in satisfaction of minimum tax withholding obligations associated with the vesting of restricted stock awards during the period. (2) On November 7, 2005, our Board of Directors adopted a share repurchase plan which allows for the repurchase of up to 300,000 of our common shares; however, no shares have been purchased under the plan in any period presented. This plan will continue until the maximum is reached or the plan is terminated by further action of the Board of Directors. (3) Item 5. Other Information During the three months ended December 31, 2024, none of our directors or officers entered into new or amended written plans for the purchase or sale of our securities intended to satisfy the

affirmative defense conditions of Exchange Act Rule 10b5-1(c). Â Â Page 25 Table of Contents Â Item 6. Exhibits Â Exhibit No. Description of Exhibit 3.1 Amended and Restated Articles of Incorporation of Mesa Laboratories, Inc. (incorporated by reference from exhibit 3.1 to the Current Report on Form 8-K filed August 25, 2023 (Commission File Number: 000-117400)). 3.2 Amended and Restated Bylaws of Mesa Laboratories, Inc. (incorporated by reference from exhibit 3.1 to the Current Report on Form 8-K filed on May 10, 2019 (Commission File Number: 000-117400)). 31.1+ Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 31.2+ Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 32.1* Certification of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 32.2* Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 101.INS+ XBRL Instance Document - 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 Document. 101.CAL+ Inline XBRL Taxonomy Extension Calculation Linkbase Document 101.DEF+ Inline XBRL Taxonomy Extension Definitions Linkbase Document 101.LAB+ Inline XBRL Taxonomy Extension Label Linkbase Document 101.PRE+ Inline XBRL Taxonomy Extension Presentation Linkbase Document 104+ Cover Page Interactive Data File (formatted as Inline XBRL with applicable taxonomy extension information contained in Exhibits 101.*). Â + Filed herewith * Furnished herewith Â Page 26 Table of Contents Â Signatures Â 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 MESA LABORATORIES, INC. (Registrant) Â DATED:Â February 4, 2025 BY: /s/ Gary M. Owens. Gary M. Owens Chief Executive Officer Â Â Â DATED:Â February 4, 2025 BY: /s/ John V. Sakys John V. Sakys Chief Financial Officer Â Â Â Â Â Â Page 27 EX-31.1 2 ex 746128.htm EXHIBIT 31.1 ex 746128.htm Â Exhibit 31.1 Certifications Pursuant to Rule 13a-14(a) Â I, Gary M. Owens, certify that: Â Â 1. I have reviewed this quarterly report on Form 10-Q of Mesa Laboratories, Inc.; Â Â 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; Â Â 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; Â Â 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: Â Â (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; Â Â (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; Â Â (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 Â Â (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 Â Â 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): Â Â (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 Â Â (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 Â Date:Â February 4, 2025 Â /s/ Gary M. Owens Gary M. Owens Chief Executive Officer Â Â Â Â Â Â Â EX-31.2 3 ex 746129.htm EXHIBIT 31.2 ex 746129.htm Â Exhibit 31.2 Certifications Pursuant to Rule 13a-14(b) Â I, John V. Sakys, certify that: Â Â 1. I have reviewed this quarterly report on Form 10-Q of Mesa Laboratories, Inc.; Â Â 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; Â Â 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; Â Â 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: Â Â (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; Â Â (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; Â Â (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 Â Â (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 Â Â 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): Â Â (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 Â Â (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 Â Date:Â February 4, 2025 Â /s/ John V. Sakys John V. Sakys Chief Financial Officer Â Â Â Â Â Â Â EX-32.1 4 ex 746130.htm EXHIBIT 32.1 ex 746130.htm Â Exhibit 32.1 Certifications Pursuant to Rule 13a-14(b) and 18 U.S.C Section 1350 Â In connection with the Quarterly Report of Mesa Laboratories, Inc. (the “Companÿ”) on Form 10-Q for the fiscal quarter endedÂ December 31, 2024Â as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Gary M. Owens, Chief Executive Officer of the Company, certify, pursuant to Rule 13a-14(b) and 18 U.S.C. Â§ 1350, that: Â Â (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and Â Â (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Â Date:Â February 4, 2025 Â /s/ Gary M. Owens Gary M. Owens Chief Executive Officer Â Â Â Â Â Â Â EX-32.2 5 ex 746131.htm EXHIBIT 32.2 ex 746131.htm Â Exhibit 32.2 Certifications Pursuant to Rule 13a-14(b) and 18 U.S.C Section 1350 Â In connection with the Quarterly Report of Mesa Laboratories, Inc. (the “Companÿ”) on Form 10-Q for the fiscal quarter endedÂ December 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, John V. Sakys, Chief Financial Officer of the Company, certify, pursuant to Rule 13a-14(b) and 18 U.S.C. Â§ 1350, that: Â Â (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and Â Â (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Â Date: February 4, 2025 Â /s/ John V. Sakys John V. Sakys Chief Financial Officer Â Â Â Â Â Â Â EX-101.SCH 6 mlab-20241231.xsd XBRL TAXONOMY EXTENSION SCHEMA 000 - Document - Document And Entity Information link:calculationLink link:definitionLink link:presentationLink 001 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) link:calculationLink link:definitionLink link:presentationLink 002 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) link:calculationLink link:definitionLink link:presentationLink 003 - Statement - Condensed Consolidated Statements of Operations (Unaudited) link:calculationLink link:definitionLink link:presentationLink 004 - Statement - Condensed Consolidated Statements of Comprehensive Income (Loss) link:calculationLink link:definitionLink link:presentationLink 005 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) link:calculationLink link:definitionLink link:presentationLink 006 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) (Parentheticals) link:calculationLink link:definitionLink link:presentationLink 007 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) link:calculationLink link:definitionLink link:presentationLink 008 - Disclosure - Note 1 - Description of Business and Summary of Significant Accounting Policies link:calculationLink link:definitionLink link:presentationLink 009 - Disclosure - Note 2 - Significant Transactions link:calculationLink link:definitionLink link:presentationLink 010 - Disclosure - Note 3 - Revenue link:calculationLink link:definitionLink link:presentationLink 011 - Disclosure - Note 4 - Fair Value Measurements link:calculationLink link:definitionLink link:presentationLink 012 - Disclosure - Note 5 - Supplemental Information link:calculationLink link:definitionLink link:presentationLink 013 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net link:calculationLink link:definitionLink link:presentationLink 014 - Disclosure - Note 7 - Indebtedness link:calculationLink link:definitionLink link:presentationLink 015 - Disclosure - Note 8 - Stockholders' Equity link:calculationLink link:definitionLink link:presentationLink 016 - Disclosure - Note 9 - (Loss) Earnings Per Share link:calculationLink link:definitionLink link:presentationLink 017 - Disclosure - Note 10 - Income Taxes link:calculationLink link:definitionLink link:presentationLink 018 - Disclosure - Note 11 - Commitments and Contingencies link:calculationLink link:definitionLink link:presentationLink 019 - Disclosure - Note 12 - Segment Information link:calculationLink link:definitionLink link:presentationLink 995466 - Disclosure - Significant Accounting Policies (Policies) link:calculationLink link:definitionLink link:presentationLink 995467 - Disclosure - Note 2 - Significant Transactions (Tables) link:calculationLink link:definitionLink link:presentationLink 995468 - Disclosure - Note 3 - Revenue (Tables) link:calculationLink link:definitionLink link:presentationLink 995469 - Disclosure - Note 4 - Fair Value Measurements (Tables) link:calculationLink link:definitionLink link:presentationLink 995470 - Disclosure - Note 5 - Supplemental Information (Tables) link:calculationLink link:definitionLink link:presentationLink 995471 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net (Tables) link:calculationLink link:definitionLink link:presentationLink 995472 - Disclosure - Note 7 - Indebtedness (Tables) link:calculationLink link:definitionLink link:presentationLink 995473 - Disclosure - Note 8 - Stockholders' Equity (Tables) link:calculationLink link:definitionLink link:presentationLink 995474 - Disclosure - Note 9 - (Loss) Earnings Per Share (Tables) link:calculationLink link:definitionLink link:presentationLink 995475 - Disclosure - Note 10 - Income Taxes (Tables) link:calculationLink link:definitionLink link:presentationLink 995476 - Disclosure - Note 12 - Segment Information (Tables) link:calculationLink link:definitionLink link:presentationLink 995477 - Disclosure - Note 2 - Significant Transactions (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995478 - Disclosure - Note 2 - Significant Transactions - Schedule of Business Acquisitions (Details) link:calculationLink link:definitionLink link:presentationLink 995479 - Disclosure - Note 3 - Revenue (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995480 - Disclosure - Note 3 - Revenue - Disaggregation of Revenue (Details) link:calculationLink link:definitionLink link:presentationLink 995481 - Disclosure - Note 3 - Revenue - Revenues From External Customers (Details) link:calculationLink link:definitionLink link:presentationLink 995482 - Disclosure - Note 3 - Revenue - Contract Liabilities (Details) link:calculationLink link:definitionLink link:presentationLink 995483 - Disclosure - Note 4 - Fair Value Measurements (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995484 - Disclosure - Note 4 - Fair Value Measurements - Fair Value and Carrying Value of the Notes (Details) link:calculationLink link:definitionLink link:presentationLink 995485 - Disclosure - Note 5 - Supplemental Information (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995486 - Disclosure - Note 5 - Supplemental Information - Inventories (Details) link:calculationLink link:definitionLink link:presentationLink 995487 - Disclosure - Note 5 - Supplemental Information - Prepaid and Other Current Assets (Details) link:calculationLink link:definitionLink link:presentationLink 995488 - Disclosure - Note 5 - Supplemental Information - Accrued Payroll and Benefits (Details) link:calculationLink link:definitionLink link:presentationLink 995489 - Disclosure - Note 5 - Supplemental Information - Other Accrued Expenses (Details) link:calculationLink link:definitionLink link:presentationLink 995490 - Disclosure - Note 5 - Supplemental Information - Other Noncurrent Liabilities (Details) link:calculationLink link:definitionLink link:presentationLink 995491 - Disclosure - Note 5 - Supplemental Information - Property, Plant and Equipment (Details) link:calculationLink link:definitionLink link:presentationLink 995492 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net - Other Intangible Assets (Details) link:calculationLink link:definitionLink link:presentationLink 995493 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net - Amortization Expense for Finite-lived Intangible Assets (Details) link:calculationLink link:definitionLink link:presentationLink 995494 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net - Estimated Amortization Expense (Details) link:calculationLink link:definitionLink link:presentationLink 995495 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net - Change in the Carrying Amount of Goodwill (Details) link:calculationLink link:definitionLink link:presentationLink 995496 - Disclosure - Note 7 - Indebtedness (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995497 - Disclosure - Note 7 - Indebtedness - Quarterly Periodic Payments (Details) link:calculationLink link:definitionLink link:presentationLink 995498 - Disclosure - Note 7 - Indebtedness - Carrying Amount of the Term Loan (Details) link:calculationLink link:definitionLink link:presentationLink 995499 - Disclosure - Note 7 - Indebtedness - Carrying Amount of the Term Loan (Details) (Parentheticals) link:calculationLink link:definitionLink link:presentationLink 995500 - Disclosure - Note 7 - Indebtedness - Carrying Amount of the Notes (Details) link:calculationLink link:definitionLink link:presentationLink 995501 - Disclosure - Note 7 - Indebtedness - Interest Expense on the Notes (Details) link:calculationLink link:definitionLink link:presentationLink 995502 - Disclosure - Note 8 - Stockholders' Equity (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995503 - Disclosure - Note 8 - Stockholders' Equity - Schedule of Restricted Stock Unit Activity (Details) link:calculationLink link:definitionLink link:presentationLink 995504 - Disclosure - Note 8 - Stockholders' Equity - Schedule of Stock Option Award Activity (Details) link:calculationLink link:definitionLink link:presentationLink 995505 - Disclosure - Note 9 - Earnings (Loss) Per Share - Computation of Net Income Per Share, Basic & Diluted (Details) link:calculationLink link:definitionLink link:presentationLink 995506 - Disclosure - Note 9 - Earnings (Loss) Per Share - Antidilutive Securities Excluded From Computation of Earnings Per Share (Details) link:calculationLink link:definitionLink link:presentationLink 995507 - Disclosure - Note 10 - Income Taxes (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995508 - Disclosure - Note 10 - Income Taxes - Provisions for Income Taxes (Details) link:calculationLink link:definitionLink link:presentationLink 995509 - Disclosure - Note 11 - Commitments and Contingencies (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995510 - Disclosure - Note 12 - Segment Information - Operating Segment Information (Details) link:calculationLink link:definitionLink link:presentationLink 995511 - Disclosure - Note 12 - Segment Data - Segment Depreciation and Amortization (Details) link:calculationLink link:definitionLink link:presentationLink EX-101.CAL 7 mlab-20241231_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE EX-101.DEF 8 mlab-20241231_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE EX-101.LAB 9 mlab-20241231_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE Document And Entity Information Note To Financial Statement Details Textual Convertible senior notes, noncurrent portion, net of debt issuance costs Significant Accounting Policies Note 2 - Significant Transactions Note 3 - Revenue Note 4 - Fair Value Measurements Note 5 - Supplemental Information Noncurrent portion Note 6 - Goodwill and Intangible Assets, Net Note 7 - Indebtedness Noncurrent liabilities: Note 8 - Stockholders' Equity Note 9 - (Loss) Earnings Per Share Income Tax Disclosure [Text Block] Note 10 - Income Taxes Note 12 - Segment Information Note 2 - Significant Transactions - Schedule of Business Acquisitions (Details) us-gaap_BusinessCombinationContingentConsiderationLiabilityCurrent Business Combination, Contingent Consideration, Liability, Current Note 3 - Revenue - Disaggregation of Revenue (Details) Note 3 - Revenue - Revenues From External Customers (Details) us-gaap_LiabilitiesCurrent Total current liabilities Schedule of Maturities of Long-Term Debt [Table Text Block] Note 3 - Revenue - Contract Liabilities (Details) Note 4 - Fair Value Measurements - Fair Value and Carrying Value of the Notes (Details) Convertible Debt [Table Text Block] Note 5 - Supplemental Information - Inventories (Details) Note 5 - Supplemental Information - Prepaid and Other Current Assets (Details) Note 5 - Supplemental Information - Accrued Payroll and Benefits (Details) Note 5 - Supplemental Information - Other Accrued Expenses (Details) Note 5 - Supplemental Information - Other Noncurrent Liabilities (Details) Note 5 - Supplemental Information - Property, Plant and Equipment (Details) The Notes [Member] Represents the Notes. Note 6 - Goodwill and Intangible Assets, Net - Other Intangible Assets (Details) Note 6 - Goodwill and Intangible Assets, Net - Amortization Expense for Finite-lived Intangible Assets (Details) Note 6 - Goodwill and Intangible Assets, Net - Estimated Amortization Expense (Details) us-gaap_BusinessCombinationConsiderationTransferredLiabilitiesIncurred Business Combination, Consideration

Transferred, Liabilities Incurred Note 6 - Goodwill and Intangible Assets, Net - Change in the Carrying Amount of Goodwill (Details) Note 7 - Indebtedness - Quarterly Periodic Payments (Details) Note 7 - Indebtedness - Carrying Amount of the Term Loan (Details) Share-Based Payment Arrangement, Option, Activity [Table Text Block] Note 7 - Indebtedness - Carrying Amount of the Term Loan (Details) (Parentheticals) Share-Based Payment Arrangement, Activity [Table Text Block] Note 7 - Indebtedness - Carrying Amount of the Notes (Details) Note 7 - Indebtedness - Interest Expense on the Notes (Details) Awards granted, weighted average grant date fair value per share (1) (in dollars per share) us-gaap_BusinessAcquisitionPercentageOfVotingInterestsAcquired Business Acquisition, Percentage of Voting Interests Acquired Note 8 - Stockholders' Equity - Schedule of Restricted Stock Unit Activity (Details) Awards distributed, weighted average grant date fair value per share (in dollars per share) Awards forfeited, weighted average grant date fair value per share (in dollars per share) Note 8 - Stockholders' Equity - Schedule of Stock Option Award Activity (Details) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Awards Outstanding, weighted average grant date fair value per share (in dollars per share) Awards Outstanding, weighted average grant date fair value per share (in dollars per share) Note 9 - Earnings (Loss) Per Share - Computation of Net Income Per Share, Basic & Diluted (Details) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Awards forfeited (in shares) Note 9 - Earnings (Loss) Per Share - Antidilutive Securities Excluded From Computation of Earnings Per Share (Details) Assumed Conversion of Convertible Debt [Member] Represents the assumed conversion of convertible debt. Note 10 - Income Taxes - Provisions for Income Taxes (Details) Interest Expense on Convertible Debt [Table Text Block] Tabular disclosure of interest expense on borrowings which can be exchanged for a specified number of another security at the option of the issuer or the holder. Foreign currency translation Foreign currency translation us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Awards Outstanding (in shares) Awards Outstanding (in shares) Note 12 - Segment Information - Operating Segment Information (Details) Note 12 - Segment Data - Segment Depreciation and Amortization (Details) Notes To Financial Statements Notes To Financial Statements [Abstract] Awards granted(1) (in shares) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Awards distributed (in shares) Other comprehensive (loss) income: Outstanding, Weighted- Average Remaining Contractual Life (Year) us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Outstanding, Aggregate Intrinsic Value us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Term loan, current portion Less: current portion us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Options outstanding, weighted average exercise price (in dollars per share) Options outstanding, weighted average exercise price (in dollars per share) Convertible senior notes, current portion, net of debt issuance costs Unearned revenues Awards forfeited or expired, weighted average exercise price (in dollars per share) Goodwill and Intangible Assets Disclosure [Text Block] Schedule of Goodwill [Table Text Block] Income taxes payable Awards granted, weighted average exercise price (in dollars per share) Awards exercised, weighted average exercise price (in dollars per share) Other accrued expenses Total other accrued expenses Accrued payroll and benefits Total accrued payroll and benefits Accounts payable Revolving Credit Facility [Member] us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Options outstanding (in shares) Options outstanding (in shares) Other benefits payable Bonus payable Payroll related taxes us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Options forfeited or expired (in shares) Credit Facility [Axis] Credit Facility [Domain] Other us-gaap_OtherAccruedLiabilitiesCurrent Wages and paid-time-off payable us-gaap_PolicyTextBlockAbstract Accounting Policies Dilutive effect of shares (in shares) Other Intangible Assets [Member] us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Purchases of property, plant and equipment mlab_DebtInstrumentConvertibleConversionRatioPer1000Principal Debt Instrument, Convertible, Conversion Ratio Per 1,000 Principal Ratio applied to the conversion of debt instrument into equity with equity shares divided by \$1,000 debt principal amount. us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized (in shares) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period (Year) LIABILITIES AND STOCKHOLDERSâ€™ EQUITY mlab_SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesIssuedUponVestingPercentage Share-based Compensation Arrangement by Share-based Payment Award Number of Shares Issued Upon Vesting, Percentage The percentage of shares will be issued upon vesting. Supplemental Balance Sheet Disclosures [Text Block] Product [Member] Supplemental non-cash activity: us-gaap_Assets Total assets Plan Name [Axis] Plan Name [Domain] us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Net income Customer Relationships [Member] Deferred tax asset Share-Based Payment Arrangement [Text Block] Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets, Major Class Name [Domain] us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Tax withholding on vesting of restricted stock units Award Type [Domain] (Loss) earnings before income taxes us-gaap_IncomeLossFromContinuingOperations Organization, Consolidation, Basis of Presentation, Business Description and Accounting Policies [Text Block] Award Type [Axis] Net income (loss) Net (loss) income Net income (loss) us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Accumulated amortization Intangible assets Net carrying amount Biopharmaceutical Development [Member] Represents information related to biopharmaceutical development. Restricted Stock Units (RSUs) [Member] us-gaap_FiniteLivedIntangibleAssetsGross Gross carrying amount Coupon interest expense at 1.375% us-gaap_InterestExpenseDebtExcludingAmortization Share-Based Payment Arrangement, Option [Member] Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Effect of foreign currency translation Antidilutive Securities [Axis] Antidilutive Securities, Name [Domain] Property, plant, and equipment accumulated depreciation Commitments and Contingencies Disclosure [Text Block] Schedule of Business Acquisitions, by Acquisition [Table Text Block] Property, plant and equipment, net of accumulated depreciation of \$26,036 and \$22,519 respectively Goodwill Goodwill Goodwill Performance Stock Units [Member] Represents information related to performance stock units. Long-Term Debt, Type [Axis] Long-Term Debt, Type [Domain] Cash flows from investing activities: Amortization of step-up in inventory basis Represents amortization of inventory step-up cost. Earnings Per Share [Text Block] Letter of Credit [Member] Accrued liabilities and taxes payable Income tax (benefit) expense Short-Term Debt, Type [Axis] Short-Term Debt, Type [Domain] CHINA us-gaap_IncreaseDecreaseInAccountsPayable Accounts payable Significant Transactions [Text Block] The entire disclosure of significant transactions. mlab_BusinessCombinationHoldBackConsiderationliability Business Combination, Hold Back Consideration Liability Amount of hold back liability recognized arising from a business combination. Operating expense us-gaap_OperatingExpenses Total operating expense us-gaap_DebtInstrumentTerm Debt Instrument, Term (Year) General and administrative Eligible Employees [Member] Information pertaining to eligible employees. Cash and cash equivalents Interest expense and amortization of debt issuance costs us-gaap_DebtInstrumentConvertibleConversionPrice1 Debt Instrument, Convertible, Conversion Price (in dollars per share) Amendment Flag us-gaap_ComprehensiveIncomeNetOfTax Comprehensive (loss) income City Area Code New Accounting Pronouncements, Policy [Policy Text Block] Reclassification, Comparability Adjustment [Policy Text Block] us-gaap_DebtInstrumentPeriodicPaymentPrincipal Debt Instrument, Periodic Payment, Principal us-gaap_IncreaseDecreaseInContractWithCustomerLiability Unearned revenues us-gaap_SharesOutstanding Balance (in shares) Balance (in shares) Common stock, outstanding (in shares) Balance (in shares) The Credit Facility Term Loan [Member] Information pertaining to the credit facility term loan. Current interest rate Current Fiscal Year End Date us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Debt Instrument, Basis Spread on Variable Rate us-gaap_DebtInstrumentInterestRateStatedPercentage Debt Instrument, Interest Rate, Stated Percentage Senior Secured Credit Agreement [Member] Information pertaining to the senior secured credit agreement Swingline Loan [Member] Information pertaining to the swingline loan. us-gaap_DebtInstrumentInterestRateEffectivePercentage Debt Instrument, Interest Rate, Effective Percentage Document Fiscal Period Focus Prepaid Expenses, Other and Other Assets [Member] Information pertaining to prepaid expenses, other and other assets. Document Fiscal Year Focus us-gaap_DebtInstrumentRepurchasedFaceAmount Debt Instrument, Repurchased Face Amount Document Period End Date Right of use assets obtained in exchange for lease liabilities mlab_FixedChargeCoverageRatio Fixed Charge Coverage Ratio Actual fixed charge coverage ratio under the debt agreement. us-gaap_IncreaseDecreaseInPrepaidExpense Prepaid expenses and other assets Entity File Number GKE GmbH [Member] Represents the group known as GKE GmbH. us-gaap_DebtInstrumentFeeAmount Debt Instrument, Fee Amount Entity Emerging Growth Company us-gaap_DebtInstrumentFaceAmount Debt Instrument, Face Amount Document Type us-gaap_DebtInstrumentRepurchaseAmount Debt Instrument, Repurchase Amount us-gaap_GainsLossesOnExtinguishmentOfDebt Gain (Loss) on Extinguishment of Debt Gain on extinguishment of convertible notes Entity Small Business Entity Shell Company us-gaap_DividendsCommonStockCash Dividends paid, \$0.16 per share Inventory Step-up Related to Cost of Revenue [Member] Represents information pertaining to the inventory step-ups related to cost of revenue. Document Information [Line Items] Document Information [Table] Service [Member] Entity Filer Category Debt Instrument [Axis] Consumables [Member] Information pertaining to consumables. Entity Current Reporting Status Debt Instrument, Name [Domain] Non-employee Directors [Member] Represents information pertaining to non-employee directors. Schedule of Employee Related Liabilities [Table Text Block] The tabular disclosure for employee related liabilities. Contract liabilities added during the nine months ended December 31, 2024, net of revenues recognized Amount of revenue recognized arising from contract liabilities added during the period in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due. us-gaap_IncreaseDecreaseInAccountsReceivable Accounts receivable, net Statement of Comprehensive Income [Abstract] Entity Tax Identification Number Entity Central Index Key mlab_SeniorLeverageRatio Senior Leverage Ratio Represents the senior leverage ratio. Stock Awards that were Antidilutive [Member] Information pertaining to stock awards that were antidilutive. Entity Registrant Name mlab_DebtInstrumentCovenantMaximumTotalLeverageRatioFollowingTheNinthTestingDate Debt Instrument, Covenant, Maximum Total Leverage Ratio Following the Ninth Testing date Requirement for maximum total leverage ratio under the debt agreement following the nine testing date. Entity [Domain] Legal Entity [Axis] Customer Concentration Risk [Member] mlab_DebtInstrumentCovenantMaximumTotalLeverageRatioForTheSixthSeventhAndEighthTestingDates Debt Instrument, Covenant, Maximum Total Leverage Ratio for the Sixth, Seventh, and Eighth Testing Dates Requirement for maximum total leverage ratio under the debt agreement for the sixth, seventh, and eighth testing dates. Entity Address, Address Line One mlab_DebtInstrumentCovenantMaximumTotalLeverageRatioForTheFirstFiveTestingDates Debt Instrument, Covenant, Maximum Total Leverage Ratio for the First Five Testing Dates Requirement for maximum total leverage ratio under the debt agreement for the first five testing dates. ecd_NonRule10b51ArrTrmndtFlag Non-Rule 10b5-1 Arrangement Terminated [Flag] Amortization of acquisition-related intangibles Entity Address, City or Town ecd_Rule10b51ArrTrmndtFlag Rule 10b5-1 Arrangement Terminated [Flag] mlab_NumberOfMajorCustomers Number of Major Customers Represents the number of major customers accounting for 10% or more of the specified concentration risk benchmark, which includes, but not limited to, sales revenue, accounts receivable, etc. ecd_Rule10b51ArrAdoptedFlag Rule 10b5-1 Arrangement Adopted [Flag] Entity Address, Postal Zip Code Entity Address, State or Province Concentration Risk Type [Axis] ecd_NonRule10b51ArrAdoptedFlag Non-Rule 10b5-1 Arrangement Adopted [Flag] Concentration Risk Type [Domain] Outstanding 2025 Notes [Member] Represents the outstanding 2025 note. Material Terms of Trading Arrangement [Text Block] Entity Common Stock, Shares Outstanding Cost of Revenues Related to Intangibles Acquired [Member] Represents the cost of revenues related to intangibles acquired Current acquisition-related holdbacks The current acquisition-related holdbacks. Accounts Receivable [Member] us-gaap_IncreaseDecreaseInInventories Inventories Trading Symbol The 2021 Equity Plan [Member] Related to the 2021 equity plan. Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Domain] Noncurrent acquisition-related holdbacks The noncurrent acquisition-related holdbacks. Local Phone Number us-gaap_LineOfCreditFacilityRemainingBorrowingCapacity Line of Credit Facility, Remaining Borrowing Capacity Vesting of restricted stock units and exercise of stock options (in shares) Awards exercised (in shares) us-gaap_TableTextBlockNotes Tables Term Loan [Member] Represents the term loan amended into the credit facility. Prepaid expenses Amount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer. us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Line of Credit Facility, Maximum Borrowing Capacity Vesting of restricted stock units and exercise of stock options The FY25 PSUs [Member] Represents the psus for the full year 2025. mlab_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValueSharesSubjectToServiceAndC Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value, Shares Subject to Service and Company Performance (in dollars per share) The 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), for shares subject to service and company financial performance. us-gaap_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage Line of Credit Facility, Unused Capacity, Commitment Fee Percentage mlab_SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesAuthorizedForServiceAndCompanyFinancialPerformanceConditions Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized for Service and Company Financial Performance Conditions (in shares) Number of shares authorized for issuance under share-based payment arrangement for service and company financial performance conditions. Related and Nonrelated Parties [Axis] Related and Nonrelated Parties [Domain] mlab_SecuredDebtDiscountAndIssuanceCosts Less: discount and debt issuance costs The discounts and issuance costs related to the secured debt. Other Accrued Expenses [Member] Other accrued expenses not separately disclosed. Stock-based compensation expense mlab_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValueSubjectToServiceAndMarketC Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value, Subject to Service and Market Conditions (in dollars per share) The 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), subjected to service and market conditions. mlab_SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesAuthorizedSubjectToServiceAndMarketConditions Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized, Subject to Service and Market Conditions (in shares) Number of shares authorized for issuance under share-based payment arrangement subjected to service and market conditions. Options granted (in shares) mlab_BusinessCombinationContingentConsiderationLiabilityFairValue Business Combination, Contingent Consideration, Liability Fair Value Fair value of the amount of liability recognized arising from contingent consideration in a business combination. Selling us-gaap_LiabilitiesAndStockholdersEquity Total liabilities and stockholdersâ€™ equity Reported Value Measurement [Member] UNITED STATES Belyntic Acquisition [Member] Represents acquisition of Belyntic GmbH. mlab_LongTermDebtMaturitiesRepaymentsOfPrincipalAfterYearFour Thereafter Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing after 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). Research and development (Accumulated deficit) Accumulated other comprehensive (loss) Other Long-term Liabilities [Member] Represents other long-term liabilities. Debt Disclosure [Text Block] us-gaap_InterestExpenseDebt Total interest and amortization of debt issuance costs Cash from changes in operating assets and liabilities: Notes us-gaap_DisclosureTextBlockAbstract Notes to Financial Statements us-gaap_OtherNoncashIncomeExpense Other Subsequent Event [Member] Noncurrent operating lease liabilities Schedule of Inventory, Current [Table Text Block] Subsequent Event Type [Axis] Current operating lease liabilities Subsequent Event Type [Domain] Remainder of 2025 2027 2028 2029 Schedule of Finite-Lived Intangible Assets, Future Amortization Expense [Table Text Block] 2026 us-gaap_ShareBasedCompensation Stock-based compensation expense Other assets Amortization of debt issuance costs us-gaap_AmortizationOffFinancingCostsAndDiscounts us-gaap_Revenues Revenues Amortization of inventory step-up recorded in cost of revenues Schedule of Finite-Lived Intangible Assets [Table Text Block] Depreciation, Total Depreciation of property, plant and equipment Depreciation us-

gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Tax withholding on vesting of restricted stock units (in shares) Accrued business taxes The value of the current portion of accrued business taxes. us-gaap_AssetsCurrent Total current assets Noncurrent assets: Deposits GKE Acquisition [Member] Relating to the GKE Acquisition. Beijing GKE Science & Technology Co. Ltd. [Member] Relating to Beijing GKE Science & Technology Co. Ltd. Common stock, no par value; authorized 25,000,000 shares; issued and outstanding, 5,433,603 and 5,394,491 shares, respectively GKE GmbH and SAL GmbH [Member] Relating to GKE GmbH and SAL GmbH. Senior Notes [Member] Adjustments to reconcile net income to net cash from operating activities: Common stock, authorized (in shares) Common stock, issued (in shares) Fair Value Measurements, Recurring and Nonrecurring [Table Text Block] Common stock, no par value (in dollars per share) Sterilization and Disinfection Control [Member] Reporting segment for Sterilization and Disinfection Control, formerly name Biological Indicators segment. Statistical Measurement [Domain] Maximum [Member] Minimum [Member] Other current assets Product and Service [Axis] Product and Service [Domain] Statistical Measurement [Axis] Prepaid income taxes Geographical [Axis] Property, Plant and Equipment [Table Text Block] Geographical [Domain] mlab_BusinessCombinationHoldBackConsiderationLiabilityFairValue Business Combination, Hold Back Consideration Liability, Fair Value Represents the fair value of hold back consideration liability from a business combination. Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas [Table Text Block] Inventories Total inventories Portion at Fair Value Measurement [Member] Estimate of Fair Value Measurement [Member] Work in process Measurement Basis [Axis] Fair Value, Inputs, Level 3 [Member] us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Foreign currency adjustments Finished goods Fair Value Hierarchy and NAV [Domain] Fair Value, Inputs, Level 2 [Member] Fair Value Hierarchy and NAV [Axis] Raw materials Cash flows from operating activities: Schedule of Segment Reporting Information, by Segment [Table Text Block] Statement [Line Items] Allowance for doubtful accounts receivable Accounts receivable, less allowance for credit losses of \$1,060 and \$1,321, respectively AOCI Attributable to Parent [Member] Stockholdersâ€™ equity: us-gaap_OtherNonoperatingIncomeExpense Other expense (income), net us-gaap_NonoperatingIncomeExpense Non-operating expense (income), net Total non-operating expense (income), net Segment Reporting Disclosure [Text Block] Fair Value Disclosures [Text Block] us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Cash and cash equivalents at beginning of period Cash and cash equivalents at end of period Effect of exchange rate changes on cash and cash equivalents us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Net increase (decrease) in cash and cash equivalents us-gaap_NetCashProvidedByUsedInFinancingActivities Net cash (used in) provided by financing activities us-gaap_Liabilities Total liabilities Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Table Text Block] Operating income (loss) us-gaap_OperatingIncomeLoss Operating income (loss) Prior year liabilities recognized in revenues during the nine months ended December 31, 2024 us-gaap_NetCashProvidedByUsedInOperatingActivities Net cash provided by operating activities Prepaid expenses and other current assets Total prepaid expenses and other current assets us-gaap_NetCashProvidedByUsedInInvestingActivities Net cash (used in) investing activities Cost of revenues us-gaap_GrossProfit Gross profit Gross profit Consolidation Items [Domain] Deferred tax liability us-gaap_ContractWithCustomerLiability Contract liabilities, balance Contract liabilities, balance Consolidation Items [Axis] us-gaap_InterestPayableCurrentAndNoncurrent Interest Payable Other financing, net us-gaap_PaymentsOfDividends Dividends paid Retained Earnings [Member] Revenues Revenue from Contract with Customer, Excluding Assessed Tax Title and Position [Domain] Title and Position [Axis] Common Stock [Member] Equity Components [Axis] Equity Component [Domain] us-gaap_LongTermDebt Long-Term Debt Total Principal Remaining us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest (Loss) earnings before income taxes Revolving line of credit Timing of Transfer of Good or Service [Domain] us-gaap_DeferredFinanceCostsNet Debt Issuance Costs, Net Unamortized debt issuance costs Transferred at Point in Time [Member] Disaggregation of Revenue [Table Text Block] Timing of Transfer of Good or Service [Axis] Revenue from Contract with Customer [Text Block] us-gaap_RepaymentsOfConvertibleDebt Repurchase of convertible debt Statement of Financial Position Location, Balance [Axis] Statement of Financial Position Location, Balance [Domain] Document Quarterly Report Other [Member] Represents other. Entity Incorporation, State or Country Code Principal Outstanding Principal Outstanding General and Administrative Expense [Member] Accounting Policies [Abstract] Document Transition Report Basis of Accounting, Policy [Policy Text Block] Entity Interactive Data Current Dividends paid, per share (in dollars per share) Security Exchange Name Operating Expense [Member] Title of 12(b) Security Cost of Sales [Member] mlab_BusinessCombinationContingentConsiderationLiabilityAtAcquisitionDate Business Combination Contingent Consideration Liability, At Acquisition Date Amount of liability recognized arising from contingent consideration in a business combination, at the date of acquisition. us-gaap_ProceedsFromConvertibleDebt Proceeds from Convertible Debt Proceeds from the issuance of debt, net Statement of Income Location, Balance [Axis] Statement of Income Location, Balance [Domain] Description of Business [Policy Text Block] Represents significance related to the nature of business operations. Segments [Axis] Segments [Domain] Total stock awards excluded from diluted EPS (in shares) us-gaap_RepaymentsOfLinesOfCredit Repayments of Lines of Credit Diluted (in shares) Fully diluted shares (in shares) us-gaap_ProceedsFromLinesOfCredit Proceeds from Lines of Credit Statement [Table] Schedule of Depreciation and Amortization Expense [Table Text Block] Tabular display of the depreciation and amortization recorded during the periods for reportable segments. Statement of Financial Position [Abstract] Diluted (in dollars per share) Calibration Solutions [Member] Represents segment information for Calibration Solutions. Weighted average outstanding shares of common stock (in shares) Basic (in shares) Clinical Genomics [Member] Represents segment information for Clinical Genomics. Effective tax rate Business Acquisition [Axis] Basic (in dollars per share) Business Acquisition, Acquiree [Domain] Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Statement of Cash Flows [Abstract] us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalRemainderOfFiscalYear Remainder of 2025 Statement of Stockholders' Equity [Abstract] Income Statement [Abstract] us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree 2028 us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour 2029 Schedule of Accrued Liabilities [Table Text Block] Risk and Uncertainties, Policy [Policy Text Block] Disclosure of accounting policy for risk and uncertainties. us-gaap_RepaymentsOfDebt Repayments of Debt Repayment of debt us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths 2026 us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo 2027 Other Noncurrent Liabilities [Table Text Block] Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Finite-Lived Intangible Assets Amortization Expense [Table Text Block] Hardware and Software [Member] Information pertaining to hardware and software. us-gaap_LiabilitiesNoncurrent Total other noncurrent liabilities Cash flows from financing activities: us-gaap_EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent Other Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] us-gaap_StockholdersEquity Total stockholdersâ€™ equity Balance Balance us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Acquisitions, net of cash acquired Class of Stock [Axis] Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] us-gaap_PaymentsToAcquireBusinessesGross Payments to Acquire Businesses, Gross Operating Segments [Member] EX-101.PRE 10 mlab-20241231_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE XML 12 RI.htm IDEA: XBRL DOCUMENT v3.25.0.1 Document And Entity Information - shares 9 Months Ended Dec. 31, 2024 Jan. 28, 2025 Document Information [Line Items] A A Entity Central Index Key 0000724004 A Entity Registrant Name MESA LABORATORIES INC /CO A Amendment Flag false A Current Fiscal Year End Date -03-31 A Document Fiscal Period Focus Q3 A Document Fiscal Year Focus 2025 A Document Type 10-Q A Document Quarterly Report true A Document Period End Date Dec. 31, 2024 A Document Transition Report false A Entity File Number 0-11740 A Entity Incorporation, State or Country Code CO A Entity Tax Identification Number 84-0872291 A Entity Address, Address Line One 12100 West Sixth Avenue A Entity Address, City or Town Lakewood A Entity Address, State or Province CO A Entity Address, Postal Zip Code 80228 A City Area Code 303 A Local Phone Number 987-8000 A Title of 12(b) Security Common Stock, no par value A Trading Symbol MLAB A Security Exchange Name NASDAQ A Entity Current Reporting Status Yes A Entity Interactive Data Current Yes A Entity Filer Category Accelerated Filer A Entity Small Business false A Entity Emerging Growth Company false A Entity Shell Company false A Entity Common Stock, Shares Outstanding A 5,433,607 X - Definition Boolean 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 - 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 - 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: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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.xbrli.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.xbrli.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:submissionItemType 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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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.xbrli.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 12 R2.htm IDEA: XBRL DOCUMENT v3.25.0.1 Condensed Consolidated Balance Sheets (Current Period Unaudited) - USD (\$\$) in Thousands Dec. 31, 2024 Mar. 31, 2024 Cash

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)(iii)) -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 -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 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)(iii)(B)) -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)(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/1943274/2147481404/852-10-50-7Reference 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_LiabilitiesCurrentNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesNoncurrentAbstractNamespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + 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/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-S99-1 + Details Name: us-gaap_LineOfCreditNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit 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_OtherAssetsNoncurrentNamespace 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_OtherLiabilitiesNoncurrentNamespace 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_PrepaidExpenseAndOtherAssetsCurrentNamespace 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_PropertyPlantAndEquipmentNetNamespace 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_RetainedEarningsAccumulatedDeficitNamespace 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, collateralized debt obligations due within one year or the operating cycle, if longer. Such obligations include mortgage loans, chattel loans, and any other borrowings secured by assets of the borrower. + 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)) -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(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_SecuredDebtCurrentNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount of collateralized debt obligations with maturities initially due after one year or beyond the operating cycle, if longer, excluding the current portion. Obligations include, but not limited to, mortgage loans, chattel loans, and other borrowings secured by assets. + 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_SecuredLongTermDebtNamespace 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)(iii)) -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_StockholdersEquityNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstractNamespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OtherIntangibleAssetsMemberNamespace Prefix: Data Type: na Balance Type: Period Type: XML 14 R3.htm IDEA: XBRL DOCUMENT v3.25.0.1 Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) - USD (\$) \$ / shares in Thousands, \$ in Thousands Dec. 31, 2024 Mar. 31, 2024 Allowance for doubtful accounts receivable \$ 1,060 \$ 1,321 Property, plant, and equipment accumulated depreciation \$ 26,036 \$ 22,519 Common stock, no par value (in dollars per share) \$ 0 \$ 0 Common stock, authorized (in shares) 25,000,000 25,000,000 Common stock, issued (in shares) 5,433,603 5,394,491 Common stock, outstanding (in shares) 5,433,603 5,394,491 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_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipmentNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant 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_AllowanceForDoubtfulAccountsReceivableCurrentNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace amount per share of no-par value 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_CommonStockNoParValueNamespace 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

Publication - Section S99 - Paragraph 1 - Subparagraph (SX 210.5-02(31)) - Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4:

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 - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders. + ReferencesReference 1: 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 2: 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 3: 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 4: 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 5: 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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: 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 8: 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 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: 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/1943274/2147482689/260-10-45-60B + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic 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 - DefinitionCash outflow in the form of capital distributions and dividends to common shareholders, preferred shareholders and noncontrolling interests. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -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_PaymentsOfDividends 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 inflow from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer. + 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_ProceedsFromLongTermLinesOfCredit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit 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 - DefinitionThe cash outflow from the repayment 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 -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_RepaymentsOfConvertibleDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_RepaymentsOfDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit 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 - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowInformationAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 1 - Description of Business and Summary of Significant Accounting Policies 9 Months Ended Dec. 31, 2024 Notes to Financial Statements A Organization, Consolidation, Basis of Presentation, Business Description and Accounting Policies [Text Block] Note 1. Description of Business and Summary of Significant Accounting Policies A Description of Business A In this quarterly report on Form 10-Q, Mesa Laboratories, Inc., a Colorado corporation, together with its subsidiaries, is collectively referred to as “we,” “our,” “us,” “our Company,” or “Mesa.” We are a global leader in the design and manufacture of life sciences tools and critical quality control solutions for regulated applications in the pharmaceutical, healthcare, A and medical device industries. We offer products and services to help our customers ensure product integrity, increase patient and worker safety, and improve the quality of life throughout the world. We have manufacturing operations in the United States and Europe, and our products are marketed by our sales personnel in North America, Europe A and Asia Pacific, and by independent A distributors in these areas and throughout the rest of the world. We prefer markets A in which we can establish a strong presence and achieve high gross profit margins. A As of December 31, 2024, we managed our operations in four reportable segments, or divisions: A A A—Sterilization and Disinfection Control - manufactures and sells biological, chemical and cleaning indicators used to assess the effectiveness of sterilization, decontamination, disinfection, and cleaning processes in the medical device, pharmaceutical, and healthcare industries. The division also provides testing and laboratory services, mainly to the dental and pharmaceutical industries. A A—Clinical Genomics -A develops, manufactures and sells highly sensitive, low-cost, high-throughput genetic analysis tools and related consumables and services that enable clinical research labs and contract research organizations to perform A genomic testing for a broad range of research applications in several therapeutic areas, such as screenings for hereditary diseases, pharmacogenetics, oncology related applications, and toxicology research. A A—Biopharmaceutical Development -A develops, manufactures, sells and services automated systems for protein analysis (immunoassays) and peptide synthesis solutions. Immunoassays and peptide synthesis solutions accelerate the discovery, development, and manufacture A of biotherapeutic therapies, among other applications. A A—Calibration Solutions -A develops, manufactures, A sells and services quality control products using principles of advanced metrology to enable customers to A measure and calibrate critical parameters in applications such as environmental and process monitoring, dialysis, gas flow, air quality and torque testing. A Basis of Presentation A The accompanying unaudited Condensed Consolidated Financial Statements have been prepared in accordance with A the rules and regulations of the Securities and Exchange Commission and in accordance with accounting principles generally accepted in the United States (“U.S. GAAP”) for interim financial information. In the opinion of management, such unaudited information includes all adjustments, consisting of normal recurring adjustments necessary for the fair statement of our financial position and results of operations. The results of operations for interim periods are not necessarily indicative of results that may be achieved for the entire year. A The year-end Condensed Consolidated Balance Sheet data was derived from audited financial statements A but does not include all disclosures required by accounting principles generally accepted in the United States of America. The Condensed Consolidated Financial Statements include the accounts of Mesa and its wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. A We made no material changes to the application of our significant accounting policies disclosed in our annual report on Form 10-K. This quarterly report should be read in conjunction with the consolidated financial statements included in our annual report on Form 10-K for the year ended A March 31, 2024. A Our fiscal year ends on March A 31. References in this quarterly report to a particular “quarter” or “quarterly” A refer to our fiscal year or fiscal quarters, respectively. A Prior Period Reclassifications A For the nine months ended December 31, 2024, certain prior period amounts in our unaudited Condensed Consolidated Statements of Operations related to cash interest payments on acquisition holdback liabilities and non-cash debt issuance cost amortization A have been reclassified out of “Other expense (income), net” and into “Interest expense and amortization of debt issuance costs.” A Additionally, prior period third-party costs related to the repurchase of a portion of our convertible senior notes have been reclassified out of “Other expense (income), net” A and are reflected within the “(Gain) on extinguishment of convertible senior notes.” A These reclassifications have not resulted in any change to “Non-operating expense (income), net” nor in any material change to other amounts presented in our unaudited condensed consolidated financial statements for the three and nine months ended December 31, 2024. A Risks and Uncertainties A The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities at the reporting date and revenues and expenses during the reporting periods. These estimates represent management’s judgment about the outcome of future events. The global business environment continues to be impacted by cost pressures, the overall effects of economic uncertainty, and other factors. Changes in, and the resulting effects of, potential governmental stimulus or fiscal and monetary policies, interest rates, foreign currency values, supply chains, demand for goods and services, a global or regional recession, or other circumstances cannot be reliably predicted. Actual results could differ from our estimates. A Recently Issued Accounting Pronouncements A In A November 2023, A the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) A No. A 2023-07, A “Segment Reporting A (Topic A 280): Improvements to Reportable Segment Disclosures.” ASU A No. A 2023-07 A requires all annual disclosures currently required by Topic A 280 A to be included in interim financial statements and requires disclosure of significant segment expenses regularly provided to the chief operating decision maker (“CODM”), a description of other segment items by reportable segment, and applicable additional measures of segment profit or loss used by the CODM when allocating A resources and assessing business performance. The ASU is effective for fiscal years beginning after December 15, 2023 (our fiscal year 2025 for annual periods) A and interim periods within fiscal years beginning after December 15, 2024 (our fiscal year 2026 for interim periods) on a retrospective basis. Other than presentation changes to our segment footnote, we do not expect the adoption of ASU No. 2023-07 to have a material impact on our consolidated financial statements. A In A December 2023, A the FASB issued ASU A No. A 2023-09, A “Income Taxes (Topic A 740): Improvements to Income Tax Disclosures.” ASU A No. A 2023-09, A which enhances the transparency, effectiveness and comparability of income tax disclosures by requiring consistent categories and greater disaggregation of information related to income tax rate reconciliations and the jurisdictions in which income taxes are paid. A The guidance is effective for public business entities for fiscal years beginning after A December 15, 2024 (our fiscal year A 2026), with early adoption and prospective or retrospective application permitted. A Other than presentation of additional disaggregated data in our income tax footnote disclosures for annual periods, we do not expect the adoption of ASU No. 2023-09 to have a material impact on our consolidated financial statement. A In November 2024, the Financial Accounting Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2024-03, “Expense Disaggregation Disclosures (Subtopic 220-40): Disaggregation of Income Statement Expenses.” ASU No. 2024-03 A requires A that public business entities disclose additional information about specific expense categories in the notes to financial statements at interim and annual reporting periods. The ASU is effective for fiscal years beginning after December 15, 2026 A (our fiscal year 2028 A for annual periods) A and interim periods within fiscal years beginning after December 15, 2027 (our fiscal year 2029 for interim periods), with early adoption and prospective or retrospective application A permitted. We are currently assessing the effect the adoption of this standard will have on our consolidated financial statement disclosures. A We have reviewed all recently issued accounting pronouncements and have concluded that, other than as described above, A they are either A not A applicable to us or are A not A expected to have a significant impact on A our consolidated financial statements. A A 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 general note to the financial statements for the reporting entity which may include, descriptions of the basis of presentation, business description, significant accounting policies, consolidations, reclassifications, new pronouncements not yet adopted and changes in accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 275 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/275/tableOfContentReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/810/tableOfContentReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 250 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/250/tableOfContent + Details Name: us-gaap_OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 2 - Significant Transactions 9 Months Ended Dec. 31, 2024 Notes to Financial Statements A Significant Transactions [Text Block] Note 2. Significant Transactions A GKE - Fiscal Year 2024 Acquisition A We acquired A 100% of the outstanding shares of GKE GmbH and SAL GmbH effective A October 16, 2023, A and upon approval by applicable Chinese regulators, effective December 31, 2023, we acquired A 100% of the outstanding shares of Beijing GKE Science & Technology Co. Ltd. (A GKE China) A and together with GKE GmbH and SAL GmbH, A GKE A (“the GKE acquisition”). A GKE develops, manufactures and sells a portfolio of chemical sterilization indicators, biologics, and process challenge devices to protect patient safety across global healthcare markets. GKE is included in our A Sterilization and Disinfection Control (“SDC”) division,

Our strengths in chemical indicators are complementary to CDC's strengths in biological indicators as chemical and biological indicators are used in the same sterility validation workflows. Additionally, GKE&E's healthcare-focused commercial capabilities in Europe and Asia greatly expand our reach in the healthcare markets in those geographies. We are working to obtain regulatory 510(k) clearance on certain GKE&E products for sale in the United States, which would further expand organic revenues growth opportunities from the GKE business. We finalized our purchase price accounting of GKE during fiscal year 2024. Total cash consideration for the GKE acquisition was \$87,187, net of cash and financial liabilities acquired and inclusive of working capital adjustments. Of the total acquisition price, approximately \$9,000 (at December 31, 2024 exchange rates) is being held back until April 2025 in accordance with the purchase agreement as security against potential indemnification losses ("GKE holdback"). We funded the acquisition through a combination of cash on-hand and a total of \$71,000 borrowed under our line of credit. During the three and nine months ended December 31, 2024, GKE's operations contributed the following amounts to our consolidated results of operations: A Three Months Ended A Nine Months Ended A December 31, 2024 Revenues A \$6,854A A \$18,971A Gross profit A 4,904A A 12,457A A A A A A A A Amortization of inventory step-up recorded in cost of revenues A A A 1,232A Amortization of acquired intangibles recorded in cost of revenues A 131A A 375A Amortization of acquired intangibles recorded in general and administrative expense A A 935A A 2,423A A X - DefinitionThe entire disclosure of significant transactions. + ReferencesNo definition available. + Details Name: mlab SignificantTransactionsTextBlockNamespace Prefix: mlab Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap DisclosureTextBlockAbstractNamespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 3 - Revenue 9 Months Ended Dec. 31, 2024 Notes to Financial Statements A Revenue from Contract with Customer [Text Block] Note 3. Revenue A We develop, manufacture, market, sell and maintain life sciences tools and quality control instruments and related consumables. A Hardware sales include physical products such as instruments used for molecular and genetic analysis, protein synthesizers, medical meters, wireless sensor systems, data loggers, and process challenge devices. Hardware sales may be offered with accompanying perpetual or annual software licenses, which in some cases are required for the hardware to function. A Consumables are single-use products and require frequent replacement in our customers' operating cycles. Consumables sold by our Clinical Genomics and Biopharmaceutical Development divisions, A such as reagents used for molecular and genetic analysis or solutions used for protein synthesis, are critical to the ongoing use of our instruments. Consumables such as biological and chemical indicator test strips sold by our Sterilization and Disinfection Control division are used on a standalone basis. A Revenues from hardware and consumables are recognized upon transfer to the customer, typically at the point of shipment. A We also offer maintenance, calibration and testing services. Services result in revenues recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. In many cases, our contracts contain both revenues recognized over time and revenues recognized at a point in time. A We evaluate our revenues internally based on business division and the nature of goods and services provided. A The following tables present disaggregated revenues for the three and nine months ended December 31, 2024 and 2023, respectively: A Three Months Ended December 31, 2024 A Sterilization and Disinfection Control (1) A Clinical Genomics A Biopharmaceutical Development A Calibration Solutions A Total A Consumables A \$20,991A A \$9,866A A \$4,909A A \$1,043A A \$36,809A Hardware and software A 52A A 1,877A A 4,534A A 9,333A A 15,796A Services A 2,464A A 9,244A A 2,794A A 4,053A A 10,235A Total revenues A \$23,507A A \$12,667A A \$12,237A A \$14,429A A \$62,840A A (1) Revenues of \$6,854 from GKE are included in the Sterilization and Disinfection Control division during the three months ended December 31, 2024. A Three Months Ended December 31, 2023 A Sterilization and Disinfection Control (1) A Clinical Genomics A Biopharmaceutical Development A Calibration Solutions A Total A Consumables A \$16,832A A \$9,584A A \$4,080A A \$53,291A Hardware and software A 180A A 1,639A A 2,672A A 8,254A A 12,745A Services A 2,326A A 1,149A A 2,678A A 3,366A A 9,519A Total revenues A \$19,338A A \$12,546A A \$9,430A A \$12,159A A \$53,473A A (1) Revenues of \$3,837 from GKE are included in the Sterilization and Disinfection Control division during the three months ended December 31, 2023, following the acquisition of GKE GmbH and SAL GmbH on October 16, 2023. A Nine Months Ended December 31, 2024 A Sterilization and Disinfection Control (1) A Clinical Genomics A Biopharmaceutical Development A Calibration Solutions A Total A Consumables A \$60,860A A \$26,156A A \$12,657A A \$2,067A A \$101,740A Hardware and software A 365A A 6,511A A 14,539A A 24,067A A 45,482A Services A 7,444A A 2,903A A 4,916A A 12,358A A 31,621A Total revenues A \$68,669A A \$35,570A A \$36,112A A \$38,492A A \$178,843A A (1) Revenues of \$18,971 from GKE are included in the Sterilization and Disinfection Control division during the nine months ended December 31, 2024. A Nine Months Ended December 31, 2023 A Sterilization and Disinfection Control (1) A Clinical Genomics A Biopharmaceutical Development A Calibration Solutions A Total A Consumables A \$45,288A A \$28,490A A \$12,753A A \$1,834A A \$88,365A Hardware and software A 381A A 9,540A A 7,838A A 22,216A A 39,975A Services A 6,676A A 3,434A A 7,935A A 10,898A A 28,943A Total revenues A \$52,345A A \$41,464A A \$28,526A A \$34,948A A \$157,283A A (1) Revenues of \$3,837 from GKE are included in the Sterilization and Disinfection Control division during the nine months ended December 31, 2023, following the acquisition of GKE GmbH and SAL GmbH on October 16, 2023. A Revenues from external customers are attributed to individual countries based upon the locations to which the products are shipped or exported, or locations where services are performed, as follows: A Three Months Ended December 31, A Nine Months Ended December 31, A 2024 A 2023 A United States A \$30,476A A \$25,595A A \$85,415A A \$79,205A China A 6,322A A 4,942A A 20,271A A 18,584A Other A 26,042A A 22,936A A 73,157A A 59,494A Total revenues A \$62,840A A \$53,473A A \$178,843A A \$157,283A A Other than China, no foreign country exceeded 10% of total revenues for the three and nine months ended December 31, 2024 and 2023. A Contract Balances Our contracts have varying payment terms and conditions. Some customers prepay for products and services resulting in unearned revenues or customer deposits called contract liabilities. Short-term contract liabilities are included within unearned revenues in the accompanying unaudited Condensed Consolidated Balance Sheets, and long-term contract liabilities are included within other noncurrent liabilities in the accompanying unaudited Condensed Consolidated Balance Sheets. The significant majority of our revenues and related receivables and contract liabilities are generated from contracts with customers with original durations of 12A months or less. Contract liabilities will be recognized to revenue as we satisfy our obligations under the terms of the contracts. A A summary of contract liabilities is as follows: A Contract liabilities as of March 31, 2024 A \$15,686A Prior year liabilities recognized in revenues during the nine months ended December 31, 2024 A (9,069) Contract liabilities added during the nine months ended December 31, 2024, net of revenues recognized A 8,083A Contract liabilities as of December 31, 2024 A \$14,700A X - ReferencesNo definition available. + Details Name: us-gaap DisclosureTextBlockAbstractNamespace 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 RevenueFromContractWithCustomerTextBlockNamespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R12.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 4 - Fair Value Measurements 9 Months Ended Dec. 31, 2024 Notes to Financial Statements A Fair Value Disclosures [Text Block] Note 4. Fair Value Measurements A Our financial instruments consist primarily of cash and cash equivalents, trade accounts receivable, obligations under trade accounts payable, and debt. Due to their short-term nature, the carrying values for cash and cash equivalents, trade accounts receivable, and trade accounts payable approximate fair value; they are classified within Level 1 of the fair value hierarchy. A The financial instruments that subject us to the highest concentration of credit risk are cash and accounts receivable. We maintain relationships and cash deposits at multiple banking institutions across the world in an effort to diversify and reduce risk of loss. Concentration of credit risk with respect to accounts receivable is limited to customers to whom we make significant sales. No customers accounted for more than 10% of total trade receivables as of December 31, 2024. A On April 5, 2024, we entered into separate, privately negotiated purchase agreements with a limited number of holders of our 1.375% convertible senior notes due August 15, 2025 (the "Notes"), through which we repurchased \$75,000 in aggregate principal amount of the Notes. See Note 7. "Indebtedness" for further information. As of December 31, 2024, we had a remaining outstanding \$97,500 aggregate principal amount of the Notes. We estimate the fair value of the Notes using Level 2 inputs based on the last actively traded price or observable market input preceding the end of the reporting period. The fair value of the Notes is approximately correlated to our stock price. A The estimated fair

December 31, 2024. As of March 31, 2024, Prepaid expenses \$3,251.42, \$2,932.41, Deposits \$1,133.88, \$1,898.41, Prepaid income taxes \$5,682.41, \$1,237.41. Other current assets \$2,849.41, \$3,341.41. Total prepaid expenses and other current assets \$13,120.41, \$9,408.41. Accrued payroll and benefits consisted of the following: As of December 31, 2024. As of March 31, 2024. Bonus payable \$7,803.41, \$3,838.41. Wages and paid-time-off payable \$1,360.41, \$3,072.41. Payroll related taxes \$1,954.41, \$1,956.41. Other benefits payable \$1,562.41, \$1,069.41. Total accrued payroll and benefits \$13,919.41, \$9,935.41. The increase in bonus payable is primarily due to our financial performance in fiscal year 2025 compared to fiscal year 2024. As of December 31, 2024, Other accrued expenses consisted of the following: As of December 31, 2024. As of March 31, 2024. Accrued business taxes \$5,505.41, \$5,557.41. Current operating lease liabilities \$1,535.41, \$2,986.41. Income taxes payable \$1,364.41, \$1,615.41. Current acquisition-related holdbacks \$9,531.41, \$4,364.41. Other \$2,416.41, \$2,264.41. Total other accrued expenses \$22,351.41, \$12,858.41. The increase in other accrued expenses is primarily due to the reclassification of held back Belyntic and GKE acquisition-related consideration from noncurrent liabilities. As of December 31, 2024. As of March 31, 2024. Noncurrent operating lease liabilities \$12,361.41, \$6,613.41. Noncurrent acquisition-related holdbacks \$8,792.41, \$9,284.41. Total other noncurrent liabilities \$12,453.41, \$15,613.41. The increase in operating lease liabilities is primarily attributable to the right of use asset associated with an operating lease for a facility used by our Biopharmaceutical Development for manufacturing and administrative purposes. As of December 31, 2024. As of March 31, 2024. Nine Months Ended December 31, 2024. As of December 31, 2024. As of December 31, 2024. Depreciation expense in cost of revenues \$610.41, \$788.41, \$2,376.41, \$2,117.41. Depreciation expense in operating expense \$496.41, \$286.41, \$1,652.41, \$824.41. Total depreciation expense \$1,106.41, \$1,074.41, \$4,028.41, \$2,899.41. The increase in depreciation expense for the three and nine months ended December 31, 2024 is primarily due to GKE's operations, which included \$225.41 and \$850.41 of depreciation expense, respectively. As of December 31, 2024. As of March 31, 2024. References: No definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - Definition: The entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity. + References: Reference 1:

all key employees. The number of shares earned is determined at the end of each performance period based on Mesa's achievement of certain pre-defined targets per the related award agreement. The outstanding PSUs vest upon completion of the service period described in the award agreement. We recognize the expense relating to the performance-based RSUs based on the probable outcome of achievement of the performance targets on a straight-line basis over the service period.

During the nine months ended December 31, 2024, the Compensation Committee of the Board of Directors created a plan to award 41A PSUs at target (the "FY25 PSU") to eligible employees. Of the 41 PSUs granted, 23 PSUs have a grant date fair value of \$89.82 and are subject to service and company financial performance conditions. The financial performance measurement period is from April 1, 2024 through March 31, 2027. The remaining 18 PSUs have a grant date fair value of \$119.54 and are subject to service and market conditions, with the market performance period measured from June 18, 2024 through June 18, 2027. The service period for all of the FY25 PSUs is from June 18, 2024 through June 18, 2027. The quantity of shares that will be earned is based upon either company financial performance or market performance will range from 0% to 200% of the targeted number of shares. If the defined minimum targets are not met, then no shares will vest. The following is a summary of stock option award activity for the nine months ended December 31, 2024:

A Stock Options A Shares Subject to Options A Weighted-Average Exercise Price per Share A Weighted-Average Remaining Contractual Life (Years) A Aggregate Intrinsic Value A Outstanding as of March 31, 2024 A 194A \$181.89A A 3.2A \$26A Awards granted A A A A A A A A Awards forfeited or expired A (15)A 150.98A A A A A A A Awards exercised A (1)A 131.67A A A A A A Outstanding as of December 31, 2024 A 178A \$184.55A A 2.6A \$287A X - Definition The entire disclosure for share-based payment arrangement. + 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/1943274/2147480429/718-10-50-2Reference 2](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/1943274/2147480429/718-10-50-2Reference 2): <http://www.xbrl.org/2003/role/disclosureRef-Topic 718-Name Accounting Standards Codification-Publisher FASB-URI https://asc.fasb.org/718/tableOfContentReference 3>: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(a\)-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)-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 \(h\)\(2\)-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 (h)(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 \(i\)-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 (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6): [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-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-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 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/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:textBlockItem Type Balance Type: na Period Type: duration XML 29 R18.htm IDEA: XBRL DOCUMENT v.3.25.0.1 Note 10-Income Taxes 9 Months Ended Dec. 31, 2024 Notes to Financial Statements A Income Tax Disclosure [Text Block] Note 10. Income Taxes A We reported an income tax provision as follows: A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2024 A A 2023 A Income tax (benefit) expense A $(541)A $(170)A $360A A $(653) Effective tax rate A 24.4%A (8.7)%A A 6.5%A A 206.6% A For interim income tax reporting, we estimate our annual effective tax rate and apply this effective tax rate to our year-to-date pre-tax income. Each quarter, our estimate of the annual effective tax rate is updated, and if the estimated effective tax rate changes, a cumulative adjustment is made. Additionally, the tax effects of significant unusual or infrequently occurring items are recognized as discrete items in the interim period in which the events occur. There is a potential for volatility in the effective tax rate due to several factors, including changes in the mix of the pre-tax income and the jurisdictions to which they relate, changes in tax laws and foreign tax holidays, settlement with taxing authorities, and foreign currency fluctuations. A The change in the effective tax rate for both the three and nine months ended December 31, 2024 compared to the prior year periods is primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024. The effective tax rate for both the three and the nine months ended December 31, 2024 differed from the statutory federal rate of 21% primarily due to the valuation allowance established on the US deferred taxes during fiscal year 2024. X-ReferencesNo definition available.+Details Name: us-gaap-DisclosureTextBlockAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X-Definition The entire disclosure for income tax. +ReferencesReference 1: <a href=): <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>

[illegible]

A A 117A A A 93.46A A A 41A A A 102.57A Awards forfeited A A (7)A A 123.42A A A - A A A A A Awards distributed A A (36)A A 169.40A A A (12)A A 302.06A Outstanding as of December 31, 2024 A A 150A A \$106.44A A A 85A A \$165.75A Share-Based Payment Arrangement, Option, Activity [Table Text Block] A A Stock Options A A Shares Subject to Options A A Weighted-Average Exercise Price per Share A A Weighted-Average Remaining Contractual Life (Years) A A Aggregate Intrinsic Value A A Outstanding as of March 31, 2024
 A A 194A A \$181.89A A A 3.2A A \$26A Awards granted A A - A A A A A A A A Awards forfeited or expired A A (15)A A 150.98A A A A A A A A Awards exercised
 A A (1)A A 131.67A A A A A A A A Outstanding as of December 31, 2024 A A 178A A \$184.55A A A 2.6A A \$287A X - DefinitionTabular disclosure of activity for award under share-based payment arrangement. Includes, but is not limited to, outstanding award at beginning and end of year, granted, exercised, forfeited, 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 \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2)Reference 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/1943274/2147480429/718-10-50-2](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/1943274/2147480429/718-10-50-2)Reference 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](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 ScheduleOfShareBasedCompensationActivityTableTextBlock 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/1943274/2147480429/718-10-50-2](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)Reference 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/1943274/2147480429/718-10-50-2](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/1943274/2147480429/718-10-50-2)Reference 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](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 X - ReferencesNo definition available. + Details Name: us-gaap TableTextBlock Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 41 R30.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 9 - (Loss) Earnings Per Share (Tables) 9 Months Ended Dec 31, 2024 Notes Tables A Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2023 A A 2023 A A Net (loss) income available for shareholders A \$(1,676)A \$2,116A A \$5,140A A \$337A Weighted average outstanding shares of common stock A 5,429A A 5,393A A 5,413A A 5,384A Dilutive effect of stock options A A A A A A A A A A A A A A Dilutive effect of RSUs A A A A A A A A A A A A A A Fully diluted shares A 5,429A A 5,396A A 5,464A A 5,394A A A A A A A A A A A A A A A Basic (loss) earnings per share A \$(0.31)A \$0.39A A \$0.95A A \$0.06A Diluted (loss) earnings per share A \$(0.31)A \$0.39A A \$0.94A A \$0.06A Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2024 A A 2023 A A Assumed conversion of the Notes A A 344A A A 608A A A 354A A A 608A Stock awards that were anti-dilutive A A 406A A A 277A A A 202A A A 233A Total stock awards excluded from diluted EPS A A 750A A A 885A A A 556A A A 831A X - DefinitionTabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Details Name: us-gaap ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + 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](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 ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap TableTextBlock Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 42 R31.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 10 - Income Taxes (Tables) 9 Months Ended Dec 31, 2024 Notes Tables A Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2024 A A 2023 A A Income tax (benefit) expense A \$(541)A \$(170)A \$360A A \$(653) Effective tax rate A 24.4% A (8.7%) A 6.5% A 206.6% X - DefinitionTabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9>Details Name: us-gaap ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap TableTextBlock Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 43 R32.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 12 - Segment Information (Tables) 9 Months Ended Dec 31, 2024 Notes Tables A Schedule of Segment Reporting Information, by Segment [Table Text Block] A A Three Months Ended December 31, A A Nine Months Ended December 31, A A 2024 A A 2023 A A 2024 A A 2023 A A Revenues (a) A A A A A A A A A A A A A A Sterilization and Disinfection Control (b) A \$23,507A A \$19,338A A \$68,669A A \$52,345A Clinical Genomics A 12,667A A 12,546A A 35,570A A 41,464A Biopharmaceutical Development A 12,237A A 9,430A A 36,112A A 28,526A Calibration Solutions A 14,429A A 12,159A A 38,492A A 34,948A Total revenues A \$62,840A A \$53,473A A \$178,843A A \$157,283A A A A A A A A A A A A A A A Gross profit: A A A A A A A A A A A A A A Sterilization and Disinfection Control (b) A \$16,461A A \$13,951A A \$47,191A A \$38,018A Clinical Genomics A 6,948A A 6,449A A 19,344A A 20,904A Biopharmaceutical Development A 7,539A A 5,841A A 22,665A A 17,783A Calibration Solutions A 8,806A A 7,212A A 23,258A A 20,050A Report

[illegible]

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/1943274/2147481139/470-20-50-1DReference 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 - Details Name: us-gaap DebtInstrumentAxis=mlab TheNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap LongtermDebtTypeAxis=us-gaap SeniorNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 68 R57.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 7 - Indebtedness - Interest Expense on the Notes (Details) - The Notes [Member] - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Coupon interest expense at 1.375% \$ 335 \$ 593 \$ 1,037 \$ 1,779 Amortization of debt issuance costs 134 231 412 692 Total interest and amortization of debt issuance costs \$ 469 \$ 824 \$ 1,449 \$ 2,471 X - DefinitionAmount of amortization expense attributable to debt discount (premium) and debt issuance costs. + ReferencesReference 1: 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 2: 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 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 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 5: 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 AmortizationOffinancingCostsAndDiscounts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 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 DebtInstrumentAxis=mlab TheNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R58.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 8 - Stockholders' Equity (Details Textual) - \$ / shares shares in Thousands 9 Months Ended Dec. 31, 2024 Jun. 30, 2024 Restricted Stock Units (RSUs) [Member] | Non-employee Directors [Member] Á A Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period (Year) 1 year Á The FY25 PSUs [Member] | Eligible Employees [Member] Á A Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized (in shares) 41 Á Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized for Service and Company Financial Performance Conditions (in shares) 23 Á Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value, Shares Subject to Service and Company Performance (in dollars per share) \$ 89.82 Á Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized, Subject to Service and Market Conditions (in shares) 18 Á Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value, Subject to Service and Market Conditions (in dollars per share) \$ 119.54 Á The FY25 PSUs [Member] | Eligible Employees [Member] | Minimum [Member] Á A Share-based Compensation Arrangement by Share-based Payment Award Number of Shares Issued Upon Vesting, Percentage 0.00% Á The FY25 PSUs [Member] | Eligible Employees [Member] | Maximum [Member] Á A Share-based Compensation Arrangement by Share-based Payment Award Number of Shares Issued Upon Vesting, Percentage 200.00% Á The 2021 Equity Plan [Member] Á A Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized (in shares) Á 660 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), for shares subject to service and company financial performance. + ReferencesNo definition available. + Details Name: mlab SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValueSharesSubjectToServiceAndC Namespace Prefix: mlab_ Data Type: dtr-types:perShareItem Type 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), subjected to service and market conditions. + ReferencesNo definition available. + Details Name: mlab SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValueSubjectToServiceAndMarketC Namespace Prefix: mlab_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: duration X - DefinitionNumber of shares authorized for issuance under share-based payment arrangement for service and company financial performance conditions. + ReferencesNo definition available. + Details Name: mlab SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesAuthorizedForServiceAndCompanyFinancialPerformanceConditions Namespace Prefix: mlab_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionNumber of shares authorized for issuance under share-based payment arrangement subjected to service and market conditions. + ReferencesNo definition available. + Details Name: mlab SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesAuthorizedSubjectToServiceAndMarketConditions Namespace Prefix: mlab_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionThe percentage of shares will be issued upon vesting. + ReferencesNo definition available. + Details Name: mlab SharebasedCompensationArrangementBySharebasedPaymentAwardNumberOfSharesIssuedUponVestingPercentage Namespace Prefix: mlab_ Data Type: dtr-types:percentItem Type Balance Type: na 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 'PnYnMdnTnHnMnS' 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:durationItem Type Balance Type: na Period Type: duration X - DefinitionNumber of shares authorized for issuance under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubParagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: instant X - Details Name: us-gaap AwardTypeAxis=us-gaap RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardTypeAxis=mlab TheFY25PusMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt TitleOffIndividualAxis=mlab EligibleEmployeesMember 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 PlanNameAxis=mlab The2021EquityPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R59.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 8 - Stockholders' Equity - Schedule of Restricted Stock Unit Activity (Details) 9 Months Ended Dec. 31, 2024 \$ / shares shares Restricted Stock Units (RSUs) [Member] Á Awards Outstanding (in shares) | shares 76 Awards Outstanding, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 157.83 Awards granted(1) (in shares) | shares 117 [1] Awards granted, weighted average grant date fair value per share (1) (in dollars per share) | \$ / shares \$ 93.46 [1] Awards forfeited (in shares) | shares (7) Awards forfeited, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 123.42 Awards distributed (in shares) | shares (36) Awards distributed, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 169.4 Awards Outstanding (in shares) | shares 150 Awards Outstanding, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 106.44 Performance Stock Units [Member] Á Awards Outstanding (in shares) | shares 56 Awards Outstanding, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 240.96 Awards granted(1) (in shares) | shares 41 [1] Awards granted, weighted average grant date fair value per share (1) (in dollars per share) | \$ / shares \$ 102.57 [1] Awards forfeited (in shares) | shares Awards forfeited, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 0 Awards distributed (in shares) | shares (12) Awards distributed, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 302.06 Awards Outstanding (in shares) | shares 85 Awards Outstanding, weighted average grant date fair value per share (in dollars per share) | \$ / shares \$ 165.75 [1] Balances for PSUs granted are reflected at target. 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:sharesItem Type 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:perShareItem Type 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:sharesItem Type 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:perShareItem Type 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:sharesItem Type Balance Type: na Period Type: instant 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)(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:sharesItem Type 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:perShareItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap AwardTypeAxis=us-gaap RestrictedStockUnitsRSUMember Namespace Prefix:

Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardTypeAxis=mlab PerformanceStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 71 R60.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note 8 - Stockholders' Equity - Schedule of Stock Option Award Activity (Details) \$ / shares in Units, shares in Thousands, \$ in Thousands 9 Months Ended 12 Months Ended Dec. 31, 2024 USD (\$) \$ / shares shares Mar. 31, 2024 USD (\$) \$ / shares shares Options outstanding (in shares) | shares 194 Å Options outstanding, weighted average exercise price (in dollars per share) | \$ / shares \$ 181.89 Å Outstanding, Weighted- Average Remaining Contractual Life (Year) 2 years 7 months 6 days 3 years 2 months 12 days Outstanding, Aggregate Intrinsic Value | \$ \$ 287 Å 26 Options granted (in shares) | shares 0 Å Awards granted, weighted average exercise price (in dollars per share) | \$ / shares \$ 0 Å Options forfeited or expired (in shares) | shares (15) Å Awards forfeited or expired, weighted average exercise price (in dollars per share) | \$ / shares \$ 150.98 Å Awards exercised (in shares) | shares (1) Å Awards exercised, weighted average exercise price (in dollars per share) | \$ / shares \$ 131.67 Å Options outstanding (in shares) | shares 178 194 Options outstanding, weighted average exercise price (in dollars per share) | \$ / shares \$ 184.55 \$ 181.89 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:

Paragraph 68B - Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-68B + Details Name: us-gaap IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends Namespace Prefix: us-gaap Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders. + ReferencesReference 1: 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 2: 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 3: 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 4: 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 5: 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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: 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 8: 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 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B + Details Name: us-gaap NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit 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 50 -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:sharesItem Type 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:sharesItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap AwardTypeAxis=us-gaap RestrictedStockUnitsRSUMember 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: XML 73 R62.htm IDEA: XBRL DOCUMENT v.25.0.1 Note 9 - Earnings (Loss) Per Share - Antidilutive Securities Excluded From Computation of Earnings Per Share (Details) - shares shares in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Total stock awards excluded from diluted EPS (in shares) 750 885 556 831 Assumed Conversion of Convertible Debt [Member] Á Á Á Total stock awards excluded from diluted EPS (in shares) 344 608 354 608 Stock Awards that were Antidilutive [Member] Á Á Á Total stock awards excluded from diluted EPS (in shares) 406 277 202 223 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:sharesItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mlab AssumedConversionOfConvertibleDebtMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mlab StockAwardsThatWereAntidilutiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 74 R63.htm IDEA: XBRL DOCUMENT v.25.0.1 Note 10 - Income Taxes (Details Textual) 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2024 Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent 21.00% 21.00% X - DefinitionPercentage of domestic federal statutory tax rate applicable to pretax income (loss). + 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 S99 -Paragraph 1 -Subparagraph (SAB Topic 6.1.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 4: 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-S99-1 + Details Name: us-gaap EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: duration XML 75 R64.htm IDEA: XBRL DOCUMENT v.25.0.1 Note 10 - Income Taxes - Provisions for Income Taxes (Details) - USD (\$) in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Income tax (benefit) expense \$ (541) \$ (170) \$ 360 \$ (653) Effective tax rate 24.40% (8.70%) 6.50% 206.60% 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:percentItem Type 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 6.1.7) -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:monetaryItem Type Balance Type: debit Period Type: duration XML 76 R65.htm IDEA: XBRL DOCUMENT v.25.0.1 Note 11 - Commitments and Contingencies (Details Textual) - USD (\$) in Thousands Jan. 02, 2025 Dec. 31, 2024 GKE Acquisition [Member] Á Á Business Combination, Hold Back Consideration Liability Á \$ 9,000 Business Combination, Hold Back Consideration Liability, Fair Value Á 8,900 Belyntic Acquisition [Member] Á Á Business Combination, Contingent Consideration, Liability Fair Value Á \$ 675 Belyntic Acquisition [Member] | Subsequent Event [Member] Á Á Business Combination, Contingent Consideration, Liability, Current \$ 563 Á X - DefinitionFair value of the amount of liability recognized arising from contingent consideration in a business combination. + ReferencesNo definition available. + Details Name: mlab_BusinessCombinationContingentConsiderationLiabilityFairValue Namespace Prefix: mlab Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionRepresents the fair value of hold back consideration liability from a business combination. + ReferencesNo definition available. + Details Name: mlab_BusinessCombinationHoldBackConsiderationLiabilityFairValue Namespace Prefix: mlab Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionAmount of hold back liability recognized arising from a business combination. + ReferencesNo definition available. + Details Name: mlab_BusinessCombinationHoldBackConsiderationliability Namespace Prefix: mlab Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionAmount of liability recognized arising from contingent consideration in a business combination, expected to be settled within 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 BusinessCombinationContingentConsiderationLiabilityCurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Details Name: us-gaap BusinessAcquisitionAxis=mlab GkeAcquisitionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap BusinessAcquisitionAxis=mlab BelynticAcquisitionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap SubsequentEventTypeAxis=us-gaap SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 77 R66.htm IDEA: XBRL DOCUMENT v.25.0.1 Note 12 - Segment Information - Operating Segment Information (Details) - USD (\$) in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Revenue from Contract with Customer, Excluding Assessed Tax [1] \$ 62,840 \$ 53,473 \$ 178,843 \$ 157,283 Gross profit 39,754 33,402 112,458 96,694 Operating expense 33,975 33,469 97,591 97,485 Operating income (loss) 5,779 (67) 14,867 (791) Non-operating expense (income), net (7,996) 2,013 (9,367) 475 Operating Segments [Member] Á Á Á Gross profit 39,754 33,453 112,458 96,755 Operating expense 33,975 33,469 97,591 97,485 Operating income (loss) 5,779 (67) 14,867 (791) Non-operating expense (income), net 7,996 (2,013) 9,367 (475) (Loss) earnings before income taxes (2,217) 1,946 5,500 (316) Operating Segments [Member] | Sterilization and Disinfection Control [Member] Á Á Á Revenue from Contract with Customer, Excluding Assessed Tax [1],[2] 23,507 [3] 19,338 68,669 [4] 52,345 Gross profit [2] 16,461 13,951 47,191 38,018 Operating Segments [Member] | Clinical Genomics [Member] Á Á Á Revenue from Contract with Customer, Excluding Assessed Tax [1] 12,667 12,546 35,570 41,464 Gross profit 6,948 6,449 19,344 20,904 Operating Segments [Member] | Biopharmaceutical Development [Member] Á Á Á Revenue from Contract with Customer, Excluding Assessed Tax [1] 12,237 9,430 36,112 28,526 Gross profit 7,539 5,841 22,665 17,783 Operating Segments [Member] | Calibration Solutions [Member] Á Á Á Revenue from Contract with Customer, Excluding Assessed Tax [1] 14,429 12,159 38,492 34,948 Gross profit 8,806 7,212 23,258 20,050 Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Á Á Á Gross profit [5] \$ 0 \$ (51) \$ 0 \$ (61) [1] Intersegment revenues are not significant and are eliminated to arrive at consolidated totals. [2] Includes post-acquisition GKE results during the three and six months ended September 30, 2024. [3] Revenues of \$5,863 from GKE are included in the Sterilization and Disinfection Control division during the three months ended September 30, 2024. [4] Revenues of \$12,117 from GKE are included in the Sterilization and Disinfection Control division during the six months ended September 30, 2024. [5] Unallocated corporate expenses are reported within corporate and other. X - DefinitionAggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity. + 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://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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 9: 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(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: 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)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 11: 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 12: 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 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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting

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A0#% @ %D:\$6F=>E4J9 P OP@ M-ID (<1CZ-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6N6MFEF22 2GH ID M-(<1S-T-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0# M% @ %D:\$6N8F=>DM/P>@<H ID (<1#H-AL+W=O M&UL M4\$L! A0#% @ %D:\$6C+7F(+O- 61< <ID @M-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6N8M5 @<P+8 ID (<1H-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6N8M(1R- @< @<ID M-(<1-8-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6LBS?YV1 @<R@8 ID (<1M=>X-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0# M% @ %D:\$60+19\$> P+1 L ID (<16< <AL+W=O#< @< M@(\$!>&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6HQ 921 @<+@<ID M-(<12 @<AL+W=O&PO=VJR-M-W-H965T&UL4\$L! A0#% @ %D:\$6GQDANM @<50< <ID (<1A1-AL+W=O&PO=VJR-W-H965T3OG@0 "P5-9 M- @<7B6 01X;IW,W)K&UL4\$L! A0#% @ M%D:\$6J3DB YX1 14 ID (<13AL-AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$6A@VL- P-M@P ID (<1<2@!<AL+W=O&PO=VJR-W-H965T&UL4\$L! A0#% @ %D:\$601VX&K @<5@H ID M-(<1S\$!-AL+W=O&PO=VJR-W-H965T&UL4\$L! M-A0#% @ %D:\$6IK P-12 P ID (<12#AL M+W-T>6QE&PO=VJR:VO;VLN>&UL4\$L! A0# M% @ %D:\$6LA XML-80 Show.js IDEA: XBRL DOCUMENT // Edgar(tm) Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show=(L>Show>LastAR=null>Show.showAR=function(a,r,w){if(Show.LastAR)Show.hideAR();var e=a;while(e.&e.nameName="TABLE")e=e.nextSibling;if(!e.e.nameName="TABLE"){var ref=(window)?w=document:document;getElementById(r);if(ref)e=ref.cloneNode(10);e.removeAttribute('id');a.parentNode.appendChild(e)}if(e.e.style.display='block';Show.LastAR=e;Show.hideAR=function(){Show.LastAR.style.display='none';Show.toggleNext=function(a){var e=a;while(e.nameName="DIV")e=e.nextSibling;if(e.e.style){}else if(e.e.style.display){}else{var d,p;if(e.e.style.display=="none"){d='block';p='<'}else{d='none';p='>'}e.e.style.display=d;if(a.textContent) d.p.textContent=p+a.textContent.substring(1)}else{a.innertext=p+a.innertext.substring(1)}}} XML 81 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2-0.24 */ /* DefRef Styles */ report table.authRefData { background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } report table.authRefData { display: block; font-weight: bold; } report table.authRefData { margin-top: 0px; } report table.authRefData { hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } report table.authRefData { hide { background-color: #2F4497; } report table.authRefData { body { height: 150px; overflow: auto; width: 400px; } report table.authRefData { table { font-size: 1em; } } report Styles */ .pl-a, .pl-a:visited { color: black; text-decoration: none; } /* table */ report { background-color: white; border: 2px solid #ac; clear: both; color: black; font: normal 8pt Helvetica, Arial, sans-serif; margin-bottom: 2em; } report hr { border: 1px solid #ac; } /* Top labels */ report th { background-color: #ac; color: black; font-weight: bold; text-align: center; } report th:empty { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, sans-serif; text-align: left; } report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; } word-wrap: break-word; } report td, .pl-a { cursor: pointer; display: block; width: 200px; overflow: hidden; } report td, .pl-div { width: 200px; } report td, .pl-a:empty { background-color: #ff; } /* Header rows... */ report .tr { background-color: #ac; color: black; font-weight: bold; } /* Calendars... */ report .rc { background-color: #f0f0f0; } /* Even rows... */ report .re, report .rev { background-color: #def; } report .reu { border-bottom: 1px solid black; } /* Odd rows... */ report .ro, report .rou { background-color: white; } report .rou { border-bottom: 1px solid black; } report .rou { table { border-bottom: 0px solid black; } } styles for footnote marker */ report .fn { white-space: nowrap; } /* styles for numeric types */ report .num, report .nump { text-align: right; white-space: nowrap; } report .nump { padding-left: 2em; } report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ report .text { text-align: left; white-space: normal; } report .text { big { margin-bottom: 1em; width: 17em; } report .text { more { display: none; } report .text { font-size: 1em; font-style: italic; font-weight: bold; } report .text { small { width: 10em; } report sup { font-size: 1em; } report .outerFootnotes { font-size: 1em; } XML 83 FilingSummary.xml IDEA: XBRL DOCUMENT 3.25.0.1.html 283 274 1 true 60 0 false 6 false false R1.htm 000 - Document - Document And Entity Information Sheet http://www.mesalabs.com/20241231/role/statement-document-and-entity-information Document And Entity Information Cover 1 false false R2.htm 001 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited Condensed Consolidated Balance Sheets (Current Period Unaudited) Statements 2 false false R3.htm 002 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) Statements 3 false false R4.htm 003 - Statement - Condensed Consolidated Statements of Operations (Unaudited) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited Condensed Consolidated Statements of Operations (Unaudited) Statements 4 false false R5.htm 004 - Statement - Condensed Consolidated Statements of Comprehensive Income (Loss) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-loss- Condensed Consolidated Statements of Comprehensive Income (Loss) Statements 5 false false R6.htm 005 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited Condensed Consolidated Statements of Stockholders' Equity (Unaudited) Statements 6 false false R7.htm 006 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) (Parentheticals) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited-parentheticals Condensed Consolidated Statements of Stockholders' Equity (Unaudited) (Parentheticals) Statements 7 false false R8.htm 007 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) Sheet http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited Condensed Consolidated Statements of Cash Flows (Unaudited) Statements 8 false false R9.htm 008 - Disclosure - Note 1 - Description of Business and Summary of Significant Accounting Policies Sheet http://www.mesalabs.com/20241231/role/statement-note-1-description-of-business-and-summary-of-significant-accounting-policies Note 1 - Description of Business and Summary of Significant Accounting Policies Notes 9 false false R10.htm 009 - Disclosure - Note 2 - Significant Transactions Sheet http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions Note 2 - Significant Transactions Notes 10 false false R11.htm 010 - Disclosure - Note 3 - Revenue Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue Note 3 - Revenue Notes 11 false false R12.htm 011 - Disclosure - Note 4 - Fair Value Measurements Sheet http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements Note 4 - Fair Value Measurements Notes 12 false false R13.htm 012 - Disclosure - Note 5 - Supplemental Information Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information- Note 5 - Supplemental Information Notes 13 false false R14.htm 013 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net Sheet http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net Note 6 - Goodwill and Intangible Assets, Net Notes 14 false false R15.htm 014 - Disclosure - Note 7 - Indebtedness Sheet http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness Note 7 - Indebtedness Notes 15 false false R16.htm 015 - Disclosure - Note 8 - Stockholders' Equity Sheet http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity- Note 8 - Stockholders' Equity Notes 16 false false R17.htm 016 - Disclosure - Note 9 - (Loss) Earnings Per Share Sheet http://www.mesalabs.com/20241231/role/statement-note-9-loss-earnings-per-share Note 9 - (Loss) Earnings Per Share Notes 17 false false R18.htm 017 - Disclosure - Note 10 - Income Taxes Sheet http://www.mesalabs.com/20241231/role/statement-note-10-income-taxes Note 10 - Income Taxes Notes 18 false false R19.htm 018 - Disclosure - Note 11 - Commitments and Contingencies Sheet http://www.mesalabs.com/20241231/role/statement-note-11-commitments-and-contingencies Note 11 - Commitments and Contingencies Notes 19 false false R20.htm 019 - Disclosure - Note 12 - Segment Information Sheet http://www.mesalabs.com/20241231/role/statement-note-12-segment-information Note 12 - Segment Information Notes 20 false false R21.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ed/role/InsiderTradingArrangements Insider Trading Arrangements Notes 21 false false R22.htm 995466 - Disclosure - Significant Accounting Policies (Policies) Sheet http://www.mesalabs.com/20241231/role/statement-significant-accounting-policies-policies Significant Accounting Policies (Policies) Policies http://www.mesalabs.com/20241231/role/statement-note-1-description-of-business-and-summary-of-significant-accounting-policies 22 false false R23.htm 995467 - Disclosure - Note 2 - Significant Transactions (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-tables Note 2 - Significant Transactions (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions 23 false false R24.htm 995468 - Disclosure - Note 3 - Revenue (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue-tables Note 3 - Revenue (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-3-revenue 24 false false R25.htm 995469 - Disclosure - Note 4 - Fair Value Measurements (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-tables Note 4 - Fair Value Measurements (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements 25 false false R26.htm 995470 - Disclosure - Note 5 - Supplemental Information (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-tables Note 5 - Supplemental Information (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information- 26 false false R27.htm 995471 - Disclosure - Note 6 - Goodwill and Intangible Assets, Net (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-tables Note 6 - Goodwill and Intangible Assets, Net (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net 27 false false R28.htm 995472 - Disclosure - Note 7 - Indebtedness (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-tables Note 7 - Indebtedness (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness 28 false false R29.htm 995473 - Disclosure - Note 8 - Stockholders' Equity (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-tables Note 8 - Stockholders' Equity (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity 29 false false R30.htm 995474 - Disclosure - Note 9 - (Loss) Earnings Per Share (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-9-loss-earnings-per-share-tables Note 9 - (Loss) Earnings Per Share (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-9-loss-earnings-per-share 30 false false R31.htm 995475 - Disclosure - Note 10 - Income Taxes (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-10-income-taxes 31 false false R32.htm 995476 - Disclosure - Note 12 - Segment Information (Tables) Sheet http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-tables Note 12 - Segment Information (Tables) Tables http://www.mesalabs.com/20241231/role/statement-note-12-segment-information 32 false false R33.htm 995477 - Disclosure - Note 2 - Significant Transactions (Details Textual) Sheet http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-details-textual Note 2 - Significant Transactions (Details Textual) Details http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-tables 33 false false R34.htm 995478 - Disclosure - Note 2 - Significant Transactions - Schedule of Business Acquisitions (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-schedule-of-business-acquisitions-details Note 2 - Significant Transactions - Schedule of Business Acquisitions (Details) Details 34 false false R35.htm 995479 - Disclosure - Note 3 - Revenue (Details Textual) Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue-details-textual Note 3 - Revenue (Details Textual) Details http://www.mesalabs.com/20241231/role/statement-note-3-revenue-tables 35 false false R36.htm 995480 - Disclosure - Note 3 - Revenue - Disaggregation of Revenue (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue-disaggregation-of-revenue-details Note 3 - Revenue - Disaggregation of Revenue (Details) Details 36 false false R37.htm 995481 - Disclosure - Note 3 - Revenue - Revenues From External Customers (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue-revenues-from-external-customers-details Note 3 - Revenue - Revenues From External Customers (Details) Details 37 false false R38.htm 995482 - Disclosure - Note 3 - Revenue - Contract Liabilities (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-3-revenue-contract-liabilities-details Note 3 - Revenue - Contract Liabilities (Details) Details 38 false false R39.htm 995483 - Disclosure - Note 4 - Fair Value Measurements (Details Textual) Sheet http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual Note 4 - Fair Value Measurements (Details Textual) Details http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-tables 39 false false R40.htm 995484 - Disclosure - Note 4 - Fair Value Measurements - Fair Value and Carrying Value of the Notes (Details) Notes http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details Note 4 - Fair Value Measurements - Fair Value and Carrying Value of the Notes (Details) Details 40 false false R41.htm 995485 - Disclosure - Note 5 - Supplemental Information (Details Textual) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-details-textual Note 5 - Supplemental Information (Details Textual) Details http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-tables 41 false false R42.htm 995486 - Disclosure - Note 5 - Supplemental Information - Inventories (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-inventories-details Note 5 - Supplemental Information - Inventories (Details) Details 42 false false R43.htm 995487 - Disclosure - Note 5 - Supplemental Information - Prepaid and Other Current Assets (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-prepaid-and-other-current-assets-details Note 5 - Supplemental Information - Prepaid and Other Current Assets (Details) Details 43 false false R44.htm 995488 - Disclosure - Note 5 - Supplemental Information - Accrued Payroll and Benefits (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-accrued-payroll-and-benefits-details Note 5 - Supplemental Information - Accrued Payroll and Benefits (Details) Details 44 false false R45.htm 995489 - Disclosure - Note 5 - Supplemental Information - Other Accrued Expenses (Details) Sheet http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-other-accrued-expenses-details Note 5 - Supplemental Information - Other Accrued Expenses (Details) Details 45 false false R46.htm 995490 - Disclosure - Note 5 - Supplemental Information - Other Noncurrent Liabilities (Details) Sheet

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Disclosure - Note 8 - Stockholders' Equity - Schedule of Stock Option Award Activity (Details)", "shortName": "Note 8 - Stockholders' Equity - Schedule of Stock Option Award Activity (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "60", "firstAnchor": { "contextRef": "d-2024-03-31", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "3", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock" }, "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "first": true }, { "uniqueAnchor": { "contextRef": "d-2024-04-01-2024-12-31", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock" }, "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "unique": true }, { "R61": { "role": "http://www.mesalabs.com/20241231/role/statement-note-9-earnings-loss-per-share-computation-of-net-income-per-share-basic-diluted-details", "longName": "995505 - Disclosure - Note 9 - Earnings (Loss) Per Share - Computation of Net Income Per Share, Basic & Diluted (Details)", "shortName": "Note 9 - Earnings (Loss) Per Share - Computation of Net Income Per Share, Basic & Diluted (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "61", "firstAnchor": { "contextRef": "d-2024-10-01-2024-12-31", "name": "us-gaap:NetIncomeLossAvailableToCommonStockholdersBasic", "unitRef": "USD", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": { "id": "tr", "tbody": "table", "div": "body", "html": "us-gaap:ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock" }, "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "first": true }, { "uniqueAnchor": { "contextRef": "d-2024-10-01-2024-12-31-AwardTypeAxis-EmployeeStockOptionMember", "name": "us-gaap:IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "3", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock" }, "us-gaap:EarningsPerShareTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "unique": true }, { "R62": { "role": "http://www.mesalabs.com/20241231/role/statement-note-9-earnings-loss-per-share-antidilutive-securities-excluded-from-computation-of-earnings-per-share-details", "longName": "995506 - Disclosure - Note 9 - Earnings (Loss) Per Share - Antidilutive Securities Excluded From Computation of Earnings Per Share (Details)", "shortName": "Note 9 - Earnings (Loss) Per Share - Antidilutive Securities Excluded From Computation of Earnings Per Share (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "62", "firstAnchor": { "contextRef": "d-2024-10-01-2024-12-31", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "4", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock" }, "us-gaap:EarningsPerShareTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "first": true, "unique": true }, { "uniqueAnchor": { "contextRef": "d-2024-10-01-2024-12-31", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "4", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock" }, "us-gaap:EarningsPerShareTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "first": true, "unique": true }, { "R63": { "role": "http://www.mesalabs.com/20241231/role/statement-note-10-income-taxes-details-textual", "longName": "995507 - Disclosure - Note 10 - Income Taxes (Details Textual)", "shortName": "Note 10 - Income Taxes (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "63", "firstAnchor": { "contextRef": "d-2024-10-01-2024-12-31", "name": "us-gaap:EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "unitRef": "Pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:IncomeTaxDisclosureTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "first": true, "unique": true }, { "R64": { "role": "http://www.mesalabs.com/20241231/role/statement-note-10-income-taxes-provisions-for-income-taxes-details", "longName": "995508 - Disclosure - Note 10 - Income Taxes - Provisions for Income Taxes (Details)", "shortName": "Note 10 - Income Taxes - Provisions for Income Taxes (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "64", "firstAnchor": { "contextRef": "d-2024-10-01-2024-12-31", "name": "us-gaap:IncomeTaxExpenseBenefit", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "3", "ancestors": { "id": "tr", "tbody": "table", "div": "body", "html": "us-gaap:EffectiveIncomeTaxRateContinuingOperations", "unitRef": "Pure", "xsiNil": "false", "lang": null, "decimals": "3", "ancestors": { "id": "tr", "tbody": "table", "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock" }, "us-gaap:IncomeTaxDisclosureTextBlock", "body": "html", "reportCount": 1, "baseRef": "mlab20241231_10q.htm", "unique": true }, { "R65": { "role": "http://www.mesalabs.com/20241231/role/statement-note-11-commitments-and-contingencies-details-textual", "longName": "995509 - 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Examples include taxes, interest, rent and utilities. 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equity-schedule-of-restricted-stock-unit-activity-details"},"http://www.mesalabs.com/20241231/role/statement-note-9-earnings-loss-per-share-computation-of-net-income-per-
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supplemental-information-other-accrued-expenses-details"},"http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness",
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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." } } }, "auth ref": { "r22", "r120", "r624" } }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations", "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details" } }, "lang": { "en-us", "role": { "label": "Cash and cash equivalents", "documentation": "Amount 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." } } }, "auth ref": { "r22", "r84", "r143" } }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details" } }, "lang": { "en-us", "role": { "label": "Cash and cash equivalents", "documentation": "Amount 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." } } }, "auth ref": { "r2", "r84" } }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": { "http://www.mesalabs.com/20241231/role/statement-document-and-entity-information" } }, "lang": { "en-us", "role": { "label": "City Area Code", "documentation": "Area code of city" } } }, "auth ref": { "mlab_ClinicalGenomicsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "ClinicalGenomicsMember", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-12-segment-data-segment-depreciation-and-amortization-details", "http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-operating-segment-information-details", "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-disaggregation-of-revenue-details", "http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-change-in-the-carrying-amount-of-goodwill-details" } }, "lang": { "en-us", "role": { "label": "Clinical Genomics [Member]", "documentation": "Represents segment information for Clinical Genomics." } } }, "auth ref": { "r231", "r232", "r233", "r234", "r235", "r384", "r656", "r657" } } }

and-intangible-assets-net-change-in-the-carrying-amount-of-goodwill-details"}], "lang": {"en-us": {"role": {"label": "Clinical Genomics [Member]", "documentation": "Represents segment information for Clinical Genomics."}}}, "auth_ref": {"r1": {"us-gaap-CommitmentsAndContingenciesDisclosureTextBlock": {"xbrltype": "textBlockItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-11-commitments-and-contingencies": {"lang": {"en-us": {"role": {"label": "Commitments and Contingencies Disclosure [Text Block]", "documentation": "The entire disclosure for commitments and contingencies."}}}, "auth_ref": {"r92": {"r254": {"r255": {"r609": {"r768": {"r773": {"us-gaap-CommonStockDividendsPerShareCashPaid": {"xbrltype": "perShareItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareCashPaid", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited-parenteticals": {"lang": {"en-us": {"role": {"label": "Dividends paid, per share (in dollars per share)", "documentation": "Aggregate dividends paid during the period for each share of common stock outstanding."}}}, "auth_ref": {"r95": {"us-gaap-CommonStockMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited": {"lang": {"en-us": {"role": {"label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer."}}}, "auth_ref": {"r687": {"r688": {"r689": {"r691": {"r692": {"r693": {"r694": {"r725": {"r726": {"r728": {"r811": {"r868": {"r869": {"us-gaap-CommonStockNoParValue": {"xbrltype": "perShareItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockNoParValue", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parenteticals": {"lang": {"en-us": {"role": {"label": "Common stock, no par value (in dollars per share)", "documentation": "Face amount per share of no-par value common stock."}}}, "auth_ref": {"r63": {"us-gaap-CommonStockSharesAuthorized": {"xbrltype": "sharesItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parenteticals": {"lang": {"en-us": {"role": {"label": "Common stock, authorized (in shares)", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws."}}}, "auth_ref": {"r63": {"r555": {"us-gaap-CommonStockSharesIssued": {"xbrltype": "sharesItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parenteticals": {"lang": {"en-us": {"role": {"label": "Common stock, issued (in shares)", "documentation": "Total 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."}}}, "auth_ref": {"r63": {"us-gaap-CommonStockSharesOutstanding": {"xbrltype": "sharesItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parenteticals": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited": {"lang": {"en-us": {"role": {"label": "Common stock, outstanding (in shares)", "periodStartLabel": "Balance (in shares)", "documentation": "Number of shares of common stock outstanding. 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Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity."}}}, "auth_ref": {"r63": {"r494": {"r671": {"us-gaap-ComprehensiveIncomeNetOfTax": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-loss": {"parentTag": null, "weight": null, "order": null, "root": true}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-loss": {"lang": {"en-us": {"role": {"label": "us-gaap-ComprehensiveIncomeNetOfTax", "totalLabel": "Comprehensive (loss) income", "documentation": "Amount 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."}}}, "auth_ref": {"r19": {"r132": {"r134": {"r139": {"r487": {"r504": {"r505": {"us-gaap-ConcentrationRiskBenchmarkDomain": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements": {"http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual": {"lang": {"en-us": {"role": {"label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage."}}}, "auth_ref": {"r25": {"r26": {"r49": {"r50": {"r211": {"r608": {"us-gaap-ConcentrationRiskByBenchmarkAxis": {"xbrltype": "stringItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": 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as a percentage of some financial balance or benchmark, identifies the type (for example, asset, liability, net assets, geographic, customer, employees, supplier, lender) of the concentration."}}}, "auth_ref": {"r25": {"r26": {"r49": {"r50": {"r211": {"r608": {"srt-ConsolidationItemsAxis": {"xbrltype": "stringItem", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-data-segment-depreciation-and-amortization-details": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-operating-segment-information-details": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-disaggregation-of-revenue-details": {"http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-change-in-the-carrying-amount-of-goodwill-details": {"lang": {"en-us": {"role": {"label": "Consolidation Items [Axis]", "auth_ref": {"r109": {"r147": {"r176": 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of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability."}}}, "auth_ref": {"r782": {"us-gaap-ContractWithCustomerLiability": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiability", "crdr": "credit", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-contract-liabilities-details": {"lang": {"en-us": {"role": {"label": "us-gaap-ContractWithCustomerLiability", "periodStartLabel": "Contract liabilities, balance", "periodEndLabel": "Contract liabilities, balance", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable."}}}, "auth_ref": {"r304": {"r305": {"r316": {"us-gaap-ContractWithCustomerLiabilityCurrent": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityCurrent", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"parentTag": "us-gaap-LiabilitiesCurrent", "weight": 1.0, "order": 1.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"lang": {"en-us": {"role": {"label": "Unearned revenues", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current."}}}, "auth_ref": {"r304": {"r305": {"r316": {"mlab-ContractWithCustomerLiabilityIncreaseDuringPeriodNetOfRevenueRecognized": {"xbrltype": "monetaryItem", "nsuri": "http://www.mesalabs.com/20241231", "localname": "ContractWithCustomerLiabilityIncreaseDuringPeriodNetOfRevenueRecognized", "crdr": "credit", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-contract-liabilities-details": {"lang": {"en-us": {"role": {"label": "Contract liabilities added during the nine months ended December 31, 2024, net of revenues recognized", "documentation": "Amount of revenue recognized arising from contract liabilities added during the period in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due."}}}, "auth_ref": {"us-gaap-ContractWithCustomerLiabilityRevenueRecognized": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityRevenueRecognized", "crdr": "credit", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-contract-liabilities-details": {"lang": {"en-us": {"role": {"label": "Prior year liabilities recognized in revenues during the nine months ended December 31, 2024", "documentation": "Amount of revenue recognized that was previously included in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due."}}}, "auth_ref": {"r317": {"us-gaap-ConvertibleDebtCurrent": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConvertibleDebtCurrent", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"parentTag": "us-gaap-LiabilitiesCurrent", "weight": 1.0, "order": 5.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"lang": {"en-us": {"role": {"label": "Convertible senior notes, current portion, net of debt issuance costs", "documentation": "The portion of the carrying value of long-term convertible debt as of the balance sheet date that is scheduled to be repaid within one year or in the normal operating cycle if longer. Convertible debt is a financial 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."}}}, "auth_ref": {"r53": {"us-gaap-ConvertibleDebtNoncurrent": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConvertibleDebtNoncurrent", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"parentTag": "us-gaap-Liabilities", "weight": 1.0, "order": 3.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"lang": {"en-us": {"role": {"label": "Convertible senior notes, noncurrent portion, net of debt issuance costs", "documentation": "Carrying 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."}}}, "auth_ref": {"r15": {"us-gaap-ConvertibleDebtTableTextBlock": {"xbrltype": "textBlockItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConvertibleDebtTableTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-tables": {"lang": {"en-us": {"role": {"label": "Convertible Debt [Table Text Block]", "documentation": "Tabular disclosure of convertible debt instrument. Includes, but is not limited to, principal amount and amortized premium or discount."}}}, "auth_ref": {"us-gaap-CorporateNonSegmentMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateNonSegmentMember", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-operating-segment-information-details": {"lang": {"en-us": {"role": {"label": "Segment Reporting, Reconciling Item, Corporate Nonsegment [Member]", "documentation": "Corporate headquarters or functional department that may not earn revenues or may earn revenues that are only incidental to the activities of the entity and is not considered an operating segment."}}}, "auth_ref": {"r13": {"r199": {"r200": {"r201": {"r202": {"r205": {"r735": {"us-gaap-CostOfRevenue": {"xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfRevenue", "crdr": "debit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": {"parentTag": "us-gaap-GrossProfit", "weight": 1.0, "order": 1.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-

consolidated-statements-of-operations-unaudited"}, {"lang": "en-us", "role": "label", "documentation": "The aggregate cost of goods produced and sold and services rendered during the reporting period."}], {"auth_ref": "r75", "r145", "r214", "r262", "r263", "r265", "r266", "r267", "r268", "r269", "r271", "r272", "r422", "r635", "r770"}], {"mlab_CostOfRevenuesRelatedToIntangiblesAcquiredMember": {"xbrltype": "domainItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "CostOfRevenuesRelatedToIntangiblesAcquiredMember", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-schedule-of-business-acquisitions-details", "lang": "en-us", "role": "label", "documentation": "Cost of Revenues Related to Intangibles Acquired [Member]", "documentation": "Represents the cost of revenues related to intangibles acquired"}}, {"auth_ref": "r1", "us-gaap_CostOfSalesMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesMember", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-plant-and-equipment-details", "http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-amortization-expense-for-finitelived-intangible-assets-details", "lang": "en-us", "role": "label", "documentation": "Cost of Sales [Member]", "documentation": "Primary financial statement caption encompassing cost of sales."}], {"auth_ref": "r1", "us-gaap_CreditFacilityAxis": {"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityAxis", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "documentation": "Credit Facility [Axis]", "documentation": "Information by type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing."}], {"auth_ref": "r261", "r776", "us-gaap_CreditFacilityDomain": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "documentation": "Credit Facility [Domain]", "documentation": "Type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing."}], {"auth_ref": "r261", "r776", "dei_CurrentFiscalYearEndDate": {"xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": "http://www.mesalabs.com/20241231/role/statement-document-and-entity-information", "lang": "en-us", "role": "label", "documentation": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format -MM-DD."}], {"auth_ref": "r1", "us-gaap_CustomerConcentrationRiskMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerConcentrationRiskMember", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual", "lang": "en-us", "role": "label", "documentation": "Customer Concentration Risk [Member]", "documentation": "Reflects the percentage that revenues in the period from one or more significant customers is to net revenues, as defined by the entity, such as total net revenues, product line revenues, segment revenues. The risk is the materially adverse effects of loss of a significant customer."}], {"auth_ref": "r90", "r211", "us-gaap_CustomerRelationshipsMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerRelationshipsMember", "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-other-intangible-assets-details", "lang": "en-us", "role": "label", "documentation": "Customer Relationships [Member]", "documentation": "Customer relationship that exists between an entity and its customer, for example, but not limited to, tenant relationships."}], {"auth_ref": "r41", "r756", "r757", "r758", "r759", "r761", "r763", "r766", "r767", "us-gaap_DebtDisclosureTextBlock": {"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "documentation": "Debt Disclosure [Text Block]", "documentation": "The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants."}], {"auth_ref": "r93", "r144", "r245", "r246", "r247", "r248", "r249", "r260", "r261", "r273", "r279", "r280", "r281", "r282", "r283", "r284", "r289", "r296", "r297", "r298", "r434", "us-gaap_DebtInstrumentAxis": {"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-term-loan-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-term-loan-details-parenteticals", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-tables", "lang": "en-us", "role": "label", "documentation": "Debt Instrument [Axis]", "documentation": "Information by type of debt instrument, including, but not limited to, draws against credit facilities."}], {"auth_ref": "r15", "r53", "r54", "r102", "r104", "r147", "r274", "r275", "r276", "r277", "r278", "r280", "r285", "r286", "r287", "r288", "r290", "r291", "r292", "r293", "r294", "r295", "r644", "r645", "r646", "r647", "r648", "r669", "r722", "r769", "r770", "r771", "r820", "r822", "us-gaap_DebtInstrumentBasisSpreadOnVariableRate1": {"xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentBasisSpreadOnVariableRate1", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "documentation": "Debt Instrument Basis Spread On Variable Rate 1", "documentation": "Percentage points added to the reference rate to compute the variable rate on the debt instrument."}], {"auth_ref": "r1", "us-gaap_DebtInstrumentCarryingAmount": {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentCarryingAmount", "credit": "calculation", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 1.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-term-loan-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "documentation": "Principal Outstanding", "documentation": "Amount, before unamortized (discount) premium and debt issuance costs, of long-term debt. 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[illegible]

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expected to be paid during the following twelve months or within one business cycle, if longer.", "auth_ref": "r55", "r119", "r145", "r214", "r262", "r263", "r265", "r266", "r267", "r268", "r269", "r271", "r272", "r390", "r391", "r392", "r422", "r554", "r629", "r696", "r778", "r825", "r826", "us-gaap_LiabilitiesNoncurrent": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrent", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-other-noncurrent-liabilities-details", "parentTag": null, "weight": null, "order": null, "root": true, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-other-noncurrent-liabilities-details", "lang": "en-us", "role": "label", "label": "us-gaap_LiabilitiesNoncurrent", "totalLabel": "Total other noncurrent liabilities", "documentation": "Amount of obligation due after one year or beyond the normal operating cycle, if longer.", "auth_ref": "r15", "r58", "r59", "r60", "r61", "r145", "r214", "r262", "r263", "r265", "r266", "r267", "r268", "r269", "r271", "r272", "r390", "r391", "r392", "r422", "r554", "r629", "r696", "r778", "r825", "r826", "us-gaap_LiabilitiesNoncurrentAbstract": "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrentAbstract", "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "lang": "en-us", "role": "label", "label": "Noncurrent liabilities", "auth_ref": "1", "us-gaap_LineOfCredit": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCredit", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0, "presentation": 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Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long-term obligation to refinance the short-term obligation on a long-term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long-term basis and the following conditions are met: (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement.", "auth_ref": "r15", "r104", "r835", "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "label": "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity", "terseLabel": "Line of Credit Facility, Maximum Borrowing Capacity", "documentation": "Maximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility.", "auth_ref": "r52", "r57", "us-gaap_LineOfCreditFacilityRemainingBorrowingCapacity": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityRemainingBorrowingCapacity", "crdr": "credit", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "label": "us-gaap_LineOfCreditFacilityRemainingBorrowingCapacity", "terseLabel": "Line of Credit Facility, Remaining Borrowing Capacity", "documentation": "Amount of borrowing capacity currently available under the credit facility (current borrowing capacity less the amount of borrowings outstanding).", "auth_ref": "r52", "r57", "r261", "us-gaap_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage": "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "label": "us-gaap_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage", "terseLabel": "Line of Credit Facility, Unused Capacity, Commitment Fee Percentage", "documentation": "The fee, expressed as a percentage of the line of credit facility, for available but unused credit capacity under the credit facility.", "auth_ref": "1", "dei_LocalPhoneNumber": "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": "http://www.mesalabs.com/20241231/role/statement-document-and-entity-information", "lang": "en-us", "role": "label", "label": "Local Phone Number", "documentation": "Local phone number for entity.", "auth_ref": "1", "us-gaap_LongTermDebt": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebt", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": null, "weight": null, "order": null, "root": true, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "parentTag": null, "weight": null, "order": null, "root": true, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebt", "terseLabel": "Long-Term Debt", "totalLabel": "Total Principal Remaining", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation.", "auth_ref": "r15", "r104", "r286", "r300", "r645", "r646", "r669", "r835", "mlab_LongTermDebtMaturitiesRepaymentsOfPrincipalAfterYearFour": "xbrltype": "monetaryItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalAfterYearFour", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 5.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "mlab_LongTermDebtMaturitiesRepaymentsOfPrincipalAfterYearFour", "terseLabel": "Thereafter", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing after 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).", "auth_ref": "1", "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 3.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths", "terseLabel": "2026", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing 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).", "auth_ref": "r8", "r147", "r291", "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 2.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour", "terseLabel": "2029", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing 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).", "auth_ref": "r8", "r147", "r291", "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 1.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree", "terseLabel": "2028", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing 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).", "auth_ref": "r8", "r147", "r291", "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 4.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo", "terseLabel": "2027", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing 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).", "auth_ref": "r8", "r147", "r291", "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalRemainderOfFiscalYear": "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalRemainderOfFiscalYear", "crdr": "credit", "calculation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 0.0, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-quarterly-periodic-payments-details", "lang": "en-us", "role": "label", "label": "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalRemainderOfFiscalYear", "terseLabel": "Remainder of 2025", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in remainder of current fiscal year.", "auth_ref": "r724", "us-gaap_LongtermDebtTypeAxis": "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeAxis", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "lang": "en-us", "role": "label", "label": "Long-Term Debt, Type [Axis]"

"documentation": "Information by type of long-term debt." } } }, "auth_ref": { "r15", "r769", "r770", "r771" } }, "us-gaap LongtermDebtTypeDomain": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeDomain", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-notes-details", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual" } }, "lang": { "en-us": { "role": { "label": "Long-Term Debt, Type [Domain]", "documentation": "Type of long-term debt arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing. These are debt arrangements that originally required repayment more than twelve months after issuance or greater than the normal operating cycle of the company, if longer." } } }, "auth_ref": { "r15", "r769", "r770", "r771" } }, "srt MaximumMember": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-details-textual" } }, "lang": { "en-us": { "role": { "label": "Maximum [Member]" } } }, "auth_ref": { "r256", "r257", "r258", "r259", "r327", "r359", "r406", "r450", "r526", "r528", "r536", "r546", "r547", "r598", "r600", "r602", "r603", "r605", "r619", "r620", "r640", "r649", "r658", "r665", "r666", "r667", "r668", "r681", "r780", "r827", "r828", "r829", "r830", "r831", "r832" } }, "srt MinimumMember": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/srt/2024", "localname": "MinimumMember", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-details-textual" } }, "lang": { "en-us": { "role": { "label": "Minimum [Member]" } } }, "auth_ref": { "r256", "r257", "r258", "r259", "r327", "r359", "r406", "r450", "r526", "r528", "r536", "r546", "r547", "r598", "r600", "r602", "r603", "r605", "r619", "r620", "r640", "r649", "r658", "r665", "r666", "r667", "r668", "r681", "r780", "r827", "r828", "r829", "r830", "r831", "r832" } }, "ecd MtrTermsOfTrdArrTextBlock": { "xbrltype": "textBlock", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrTermsOfTrdArrTextBlock", "presentation": { "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" } }, "lang": { "en-us": { "role": { "label": "Material Terms of Trading Arrangement [Text Block]" } } }, "auth_ref": { "r703" } }, "us-gaap NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "parentTag": "us-gaap CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 0.0 } }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" } }, "lang": { "en-us": { "role": { "label": "us-gaap NetCashProvidedByUsedInFinancingActivities", "totalLabel": "Net cash (used in) provided by financing activities", "documentation": "Amount 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." } } }, "auth_ref": { "r142" } }, "us-gaap NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" } }, "lang": { "en-us": { "role": { "label": "Cash flows from financing activities" } } }, "auth_ref": { "r142" } }, "us-gaap NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "parentTag": "us-gaap CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" } }, "lang": { "en-us": { "role": { "label": "us-gaap NetCashProvidedByUsedInInvestingActivities", "totalLabel": "Net cash (used in) investing activities", "documentation": "Amount 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." } } }, "auth_ref": { "r142" } }, "us-gaap NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" } }, "lang": { "en-us": { "role": { "label": "Cash flows from investing activities" } } }, "auth_ref": { "r142" } }, "us-gaap NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "parentTag": "us-gaap CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" } }, "lang": { "en-us": { "role": { "label": "us-gaap NetCashProvidedByUsedInOperatingActivities", "totalLabel": "Net cash provided by operating activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. 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Includes, but is not limited to, quantification of the expected or actual impact." } } }, "auth_ref": { "r142" } }, "ecd NonRule10b51ArrAdoptedFlag": { "xbrltype": "booleanItem", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrAdoptedFlag", "presentation": { "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" } }, "lang": { "en-us": { "role": { "label": "ecd NonRule10b51ArrAdoptedFlag", "terseLabel": "ecd NonRule10b51ArrAdoptedFlag" } } }, "auth_ref": { "r703" } }, "ecd NonRule10b51ArrTrmndFlag": { "xbrltype": "booleanItem", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrTrmndFlag", "presentation": { "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" } }, "lang": { "en-us": { "role": { "label": "ecd NonRule10b51ArrTrmndFlag", "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": { "r703" } }, "mlab NonemployeeDirectorsMember": { "xbrltype": "domainItem", "nsuri": 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Includes selling, general and administrative expense." } } }, "auth_ref": { "r142" } }, "us-gaap OperatingIncomeLoss": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited", "parentTag": "us-gaap IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 0.0 } }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited" } }, "lang": { "en-us": { "role": { "label": "Operating income (loss)", "label": "us-gaap OperatingIncomeLoss", "totalLabel": "Operating income (loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": { "r110", "r630", "r733", "r734", "r736", "r737", "r738" } }, "us-gaap OperatingLeaseLiabilityCurrent": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-note-5-

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"http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-prepaid-and-other-current-assets-details": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-prepaid-and-other-current-assets-details" | "lang": "en-us": "role": "label": "Prepaid expenses and other current assets", "totalLabel": "Total prepaid expenses and other current assets", "documentation": "Amount 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." | "auth_ref": "r713" | "mlab_PrepaidExpensesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.mesalabs.com/20241231", 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"http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual" | "lang": "en-us": "role": "label": "Prepaid Expenses, Other and Other Assets {Member}", "documentation": "Information pertaining to prepaid expenses, other and other assets." | "auth_ref": "r713", "us-gaap_PrepaidTaxes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidTaxes", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-prepaid-and-other-current-assets-details": { "parentTag": "us-gaap_PrepaidExpenseAndOtherAssetsCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-prepaid-and-other-current-assets-details" | "lang": "en-us": "role": "label": "Prepaid income taxes", "documentation": "Amount of asset related to consideration paid in advance for income and other taxes that provide economic benefits 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Excludes amendment to accounting standards, other change in accounting principle, and correction of error." | "auth_ref": "r707" | "us-gaap_ProceedsFromConvertibleDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromConvertibleDebt", "crdr": "debit", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual" | "lang": "en-us": "role": "label": "us-gaap_ProceedsFromConvertibleDebt", "terseLabel": "Proceeds from Convertible Debt", "documentation": "The 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." | "auth_ref": "r21" | "us-gaap_ProceedsFromLinesOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromLinesOfCredit", "crdr": "debit", "presentation": 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"r836", "r840", "r841", "r842", "r843", "r844", "r845", "r846", "r847", "r848", "r849", "r850", "r851", "r852", "r853", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r863", "r864", "r865", "r866", "r867" | "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 0.0 } }, "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" | "lang": "en-us": "role": "label": "Property, plant and equipment, net of accumulated depreciation of \$26,036 and \$22,519 respectively", "documentation": "Amount 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." | "auth_ref": "r7", "r440", "r490", "r500", "r671" | "us-gaap_PropertyPlantAndEquipmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTextBlock", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-5-supplemental-information-tables" | "lang": "en-us": "role": "label": "Property, Plant and Equipment {Table Text Block}", "documentation": "Tabular 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 depreciation." | "auth_ref": "r7" | "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-details-textual" | "lang": "en-us": "role": "label": "Statistical Measurement {Axis}" | "auth_ref": "r256", "r257", "r258", "r259", "r319", "r327", "r352", "r353", "r354", "r359", "r406", "r448", "r449", "r450", "r526", "r528", "r536", "r546", "r547", "r598", "r600", "r602", "r603", "r605", "r619", "r620", "r640", "r649", "r658", "r665", "r666", "r667", "r668", "r681", "r689", "r772", "r780", "r814", "r828", "r829", "r830", "r831", "r832" | "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity", "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-details-textual" | "lang": "en-us": "role": "label": "Statistical Measurement {Domain}" | "auth_ref": "r256", "r257", "r258", "r259", "r319", "r327", "r352", "r353", "r354", "r359", "r406", "r448", "r449", "r450", "r526", "r528", "r536", "r546", "r547", "r598", "r600", "r602", "r603", "r605", "r619", "r620", "r640", "r649", "r658", "r665", "r666", "r667", "r668", "r681", "r689", "r772", "r780", "r814", "r828", "r829", "r830", "r831", "r832" | "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-3-revenue", "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-details-textual" | "lang": "en-us": "role": "label": "Related and Nonrelated Parties {Domain}", "documentation": "Related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." | "auth_ref": "r212", "r326", "r442", "r443", "r493", "r498", "r549", "r550", "r551", "r552", "r553", "r572", "r574", "r597" | "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-3-revenue", "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-details-textual" | "lang": "en-us": "role": "label": "Related and Nonrelated Parties {Axis}", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." | "auth_ref": "r212", "r326", "r442", "r443", "r493", "r498", "r549", "r550", "r551", "r552", "r553", "r572", "r574", "r597", "r824" | "us-gaap_RepaymentsOfConvertibleDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfConvertibleDebt", "crdr": "credit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" | "lang": "en-us": "role": "label": "us-gaap_RepaymentsOfConvertibleDebt", "negatedLabel": "Repurchase of convertible debt", "documentation": "The cash outflow from the repayment 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." | "auth_ref": "r83" | "us-gaap_RepaymentsOfDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfDebt", "crdr": "credit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual" | "lang": "en-us": "role": "label": "us-gaap_RepaymentsOfDebt", "terseLabel": "Repayments of Debt", "negatedLabel": "Repayment of debt", "documentation": "Amount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation." | "auth_ref": "r719" | "us-gaap_RepaymentsOfLinesOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfLinesOfCredit", "crdr": "credit", "presentation": "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual" | "lang": "en-us": "role": "label": "us-gaap_RepaymentsOfLinesOfCredit", "terseLabel": "Repayments of Lines of Credit", "documentation": "Amount of cash outflow for payment of an obligation from a lender, including but not limited to, letter of credit, standby letter of credit and revolving credit arrangements." |

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Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity."}}}, {"auth_ref": "r360", "r621": "r635", "r833": 1}, {"us_gaap_RestrictedStockUnitsRSUMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity": {"http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-details-textual": {"http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-schedule-of-restricted-stock-unit-activity-details": {"http://www.mesalabs.com/20241231/role/statement-note-9-earnings-loss-per-share-computation-of-net-income-per-share-basic-diluted-details": {"lang": "en-us", "role": "label": "Restricted Stock Units (RSUs) [Member]", "documentation": "Share instrument which is convertible to stock or an equivalent amount of cash, after a specified period of time or when specified performance conditions are met."}}}}, {"auth_ref": 1}, {"us_gaap_RetainedEarningsAccumulatedDeficit": {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": {"lang": "en-us", "role": "label": "Accumulated deficit", "documentation": "Amount of accumulated undistributed earnings (deficit)."}}, {"auth_ref": "r64", "r95", "r496", "r533", "r535", "r539", "r556", "r671": 1}, {"us_gaap_RetainedEarningsMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited": {"lang": "en-us", "role": "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)."}}, {"auth_ref": "r115", "r148", "r149", "r150", "r152", "r157", "r159", "r161", "r215", "r216", "r242", "r371", "r372", "r379", "r380", "r381", "r383", "r387", "r388", "r393", "r395", "r396", "r398", "r399", "r436", "r437", "r530", "r532", "r541", "r669": 1}, {"us_gaap_RevenueFromContractWithCustomerExcludingAssessedTax": {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "calculation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": {"parentTag": "us-gaap_GrossProfit", "weight": 1.0, "order": 0.0}}, "presentation": {"http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-operating-segment-information-details": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-details-textual": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-disaggregation-of-revenue-details": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue-revenues-from-external-customers-details": {"lang": "en-us", "role": "label": "Revenues", "terseLabel": "Revenue from Contract with Customer, Excluding Assessed Tax", "documentation": "Amount, excluding 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."}}}}, {"auth_ref": "r108", "r109", "r176", "r183", "r184", "r198", "r204", "r207", "r209", "r211", "r314", "r315", "r452": 1}, {"us_gaap_RevenueFromContractWithCustomerTextBlock": {"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-3-revenue": {"lang": "en-us", "role": "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The 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."}}}, {"auth_ref": "r114", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r318": 1}, {"us_gaap_Revenues": {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-2-significant-transactions-schedule-of-business-acquisitions-details": {"lang": "en-us", "role": "label": "us-gaap Revenues", "terseLabel": "Revenues", "documentation": "Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss)."}}, {"auth_ref": "r108", "r109", "r138", "r145", "r176", "r183", "r184", "r198", "r204", "r207", "r209", "r211", "r214", "r262", "r263", "r265", "r266", "r267", "r268", "r269", "r271", "r272", "r422", "r489", "r635", "r778": 1}, {"us_gaap_RevolvingCreditFacilityMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness": {"http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual": {"lang": "en-us", "role": "label": "Revolving Credit Facility [Member]", "documentation": "Arrangement in which loan proceeds can continuously be obtained following repayments, but the total amount borrowed cannot exceed a specified maximum amount."}}}, 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This table does not include leveraged buyouts."}}}, {"auth_ref": "r30", "r40": 1}, {"us_gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock": {"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-10-income-taxes-tables": {"lang": "en-us", "role": "label": "Schedule of Components of Income Tax Expense (Benefit) [Table Text Block]", "documentation": "Tabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years."}}}, {"auth_ref": "r810": 1}, {"mlab_ScheduleOfDepreciationAndAmortizationExpenseTableTextBlock": {"xbrltype": "textBlockItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "ScheduleOfDepreciationAndAmortizationExpenseTableTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-tables": {"lang": "en-us", "role": "label": "Schedule of Depreciation and Amortization Expense [Table Text Block]", "documentation": "Tabular display of the depreciation and amortization recorded during the periods for reportable segments."}}}, {"auth_ref": 1}, 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An entity may also provide subtotals of geographic information about groups of countries."}}}, {"auth_ref": "r30", "r72": 1}, {"us_gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": {"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": {"http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-tables": {"lang": "en-us", "role": "label": "Schedule of Segment Reporting Information,

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Includes, but is not limited to, outstanding award at beginning and end of year, granted, exercised, forfeited, and weighted-average grant date fair value." } }, "auth_ref": { "r11", "r12", "r97" } }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-8-stockholders-equity-tables", "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Option; Activity [Table Text Block]", "documentation": "Tabular disclosure for stock option plans. 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Such obligations include mortgage loans, chattel loans, and any other borrowings secured by assets of the borrower." } }, "auth_ref": { "r53", "r102" } }, "mlab_SecuredDebtDiscountAndIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "SecuredDebtDiscountAndIssuanceCosts", "crdr": "credit", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-term-loan-details": { "lang": { "en-us": { "role": { "label": "mlab_SecuredDebtDiscountAndIssuanceCosts", "negatedLabel": "Less: discount and debt issuance costs", "documentation": "The discounts and issuance costs related to the secured debt." } }, "auth_ref": { "r11", "r12", "r96" } }, "us-gaap_SecuredLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SecuredLongTermDebt", "crdr": "credit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 4.0 }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-carrying-amount-of-the-term-loan-details": { "lang": { "en-us": { "role": { "label": "Noncurrent portion", "documentation": "Carrying amount of collateralized debt obligations with maturities initially due after one year or beyond the operating cycle, if longer, excluding the current portion. Obligations include, but not limited to, mortgage loans, chattel loans, and other borrowings secured by assets." } }, "auth_ref": { "r15", "r1", "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": { "http://www.mesalabs.com/20241231/role/statement-document-and-entity-information": { "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } }, "auth_ref": { "r697" } }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": { "http://www.mesalabs.com/20241231/role/statement-document-and-entity-information": { "lang": { "en-us": { "role": { "label": "Security Exchange Name", "documentation": "Name of the exchange on which a security is registered." } }, "auth_ref": { "r699" } }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-12-segment-data-segment-depreciation-and-amortization-details": { "http://www.mesalabs.com/20241231/role/statement-note-12-segment-information-operating-segment-information-details": { "http://www.mesalabs.com/20241231/role/statement-note-3-revenue": { "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-details-textual": { "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-disaggregation-of-revenue-details": { "http://www.mesalabs.com/20241231/role/statement-note-6-goodwill-and-intangible-assets-net-change-in-the-carrying-amount-of-goodwill-details": { "lang": { "en-us": { "role": { "label": "Segments [Domain]", "documentation": "Components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } }, "auth_ref": { "r108", "r109", "r110", "r111", "r176", "r179", "r182", "r183", "r184", "r185", "r186", "r187", "r188", "r189", "r190", "r191", "r192", "r193", "r195", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r204", "r205", "r206", "r211", "r220", "r221", "r222", "r223", "r224", "r225", "r226", "r227", "r228", "r241", "r252", "r253", "r508", "r509", "r510", "r511", "r512", "r513", "r514", "r515", "r516", "r517", "r518", "r632", "r635", "r636", "r642", "r644", "r836", "r840", "r841", "r842", "r843", "r844", "r845", "r846", "r847", "r848", "r849", "r850", "r851", "r852", "r853", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r863", "r864", "r865", "r866", "r867" } }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-3-revenue-revenues-from-external-customers-details": { "lang": { "en-us": { "role": { "label": "Geographical Domain", "documentation": "The 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." } }, "auth_ref": { "r111", "r176", "r179", "r179", "r180", "r181", "r182", "r183", "r184", "r185", "r186", "r187", "r188", "r189", "r190", "r191", "r192", "r193", "r195", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r204", "r205", "r206", "r211", "r220", "r221", "r222", "r223", "r224", "r225", "r226", "r227", "r228", "r241", "r252", "r253", "r508", "r509", "r510", "r511", "r512", "r513", "r514", "r515", "r516", "r517", "r518", "r632", "r635", "r636", "r642", "r644", "r836", "r840", "r841", "r842", "r843", "r844", "r845", "r846", "r847", "r848", "r849", "r850", "r851", "r852", "r853", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r863", "r864", "r865", "r866", "r867" } }, "us-gaap_SellingExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingExpense", "crdr": "debit", "calculation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 0.0 }, "presentation": { "http://www.mesalabs.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "lang": { "en-us": { "role": { "label": "Selling", "documentation": "Expenses recognized in the period that are directly related to the selling and distribution of products or services." } }, "auth_ref": { "r77" } }, "mlab_SeniorLeverageRatio": { "xbrltype": "pureItemType", "nsuri": "http://www.mesalabs.com/20241231", "localname": "SeniorLeverageRatio", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-7-indebtedness-details-textual": { "lang": { "en-us": { "role": { "label": "mlab_SeniorLeverageRatio", "terseLabel": "Senior Leverage Ratio", "documentation": "Represents the senior leverage ratio." } }, "auth_ref": { "r11", "r12", "r96" } }, "us-gaap_SeniorNotesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeniorNotesMember", "presentation": { "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements": { "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-measurements-details-textual": { "http://www.mesalabs.com/20241231/role/statement-note-4-fair-value-measurements-fair-value-and-carrying-value-of-the-notes-details": { "http://www.mesalabs.com/20241231

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and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement." } } }, "auth_ref": { "r345" } }
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pharmaceutical, healthcare, and medical device industries. We offer products and services to help our customers ensure product integrity, increase patient and worker safety, and improve the quality of life throughout the world. We have manufacturing operations in the United States and Europe, and our products are marketed by our sales personnel in North America, Europe and Asia Pacific, and by independent distributors in these areas and throughout the rest of the world. We prefer markets in which we can establish a strong presence and achieve high gross profit margins.

As of December 31, 2024, we managed our operations in four reportable segments, or divisions:

Segment	Reportable Segments
Pharmaceutical	Pharmaceutical
Healthcare	Healthcare
Medical Device	Medical Device
Other	Other

Our pharmaceutical segment includes the following products and services:

- Sterilization and Disinfection Control
- Manufactures and sells biological, chemical and cleaning indicators used to assess the effectiveness of sterilization, decontamination, disinfection, and cleaning processes in the medical device, pharmaceutical, and healthcare industries.

The division also provides testing and laboratory services, mainly to the dental and pharmaceutical industries.

Our healthcare segment includes the following products and services:

- Clinical Genomics
- Develops, manufactures and sells highly sensitive, low-cost, high-throughput genetic analysis tools and related consumables and services that enable clinical research labs and contract research organizations to perform genomic testing for a broad range of research applications in several therapeutic areas, such as screenings for hereditary diseases, pharmacogenetics, oncology related applications, and toxicology research.

Our medical device segment includes the following products and services:

- Develops, manufactures, sells and services quality control products using principles of advanced metrology to enable customers to measure and calibrate critical parameters in applications such as environmental and process monitoring, dialysis, gas flow, air quality and torque testing.

The accompanying unaudited Condensed Consolidated Financial Statements have been prepared in accordance with the rules and regulations of the Securities and Exchange Commission and in accordance with accounting principles generally accepted in the United States ("U.S. GAAP") for interim financial information. In the opinion of management, such unaudited information includes all adjustments, consisting of normal recurring adjustments necessary for the fair statement of our financial position and results of operations. The results of operations for interim periods are not necessarily indicative of results that may be achieved for the entire year. The year-end Condensed Consolidated Balance Sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. The Condensed Consolidated Financial Statements include the accounts of Mesa and its wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. We made no material changes to the application of our significant accounting policies disclosed in our annual report on Form 10-K. This quarterly report should be read in conjunction with the consolidated financial statements included in our annual report on Form 10-K for the year ended March 31, 2024.

Our fiscal year ends on March 31. References in this quarterly report to a particular "year" or "quarter" refer to our fiscal year or fiscal quarters, respectively.

References in this quarterly report to a particular "year" or "quarter" refer to our fiscal year or fiscal quarters, respectively.

Prior Period Reclassifications

For the nine months ended December 31, 2024, certain prior period amounts in our unaudited Condensed Consolidated Statements of Operations related to cash interest payments on acquisition holdback liabilities and non-cash debt issuance cost amortization have been reclassified out of "Other expense (income), net" and into "Interest expense and amortization of debt issuance costs." Additionally, prior period party costs related to the repurchase of a portion of our convertible senior notes have been reclassified out of "Other expense (income), net" and are reflected within the "(Gain) on extinguishment of convertible senior notes." These reclassifications have not resulted in any change to "Non-operating expense (income), net" nor in any material change to other amounts presented in our unaudited condensed consolidated financial statements for the nine months ended December 31, 2024.

Risks and Uncertainties

The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities at the reporting date and revenues and expenses during the reporting periods. These estimates represent management's judgment about the outcome of future events. The global business environment continues to be impacted by cost pressures, the overall effects of economic uncertainty, and other factors. Changes in, and the resulting effects of, potential governmental stimulus or fiscal and monetary policies, interest rates, foreign currency values, supply chains, demand for goods and services, a global or regional recession, or other circumstances cannot be reliably predicted. Actual results could differ from our estimates.

Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures." ASU No. 2023-07 requires all annual disclosures currently required by Topic 280 to be included in interim financial statements and requires disclosure of significant segment expenses regularly provided to the chief operating decision maker ("CODM"), a description of other segment items by reportable segment, and applicable additional measures of segment profit or loss used by the CODM when allocating resources and assessing business performance. The ASU is effective for fiscal years beginning after December 15, 2023 (our fiscal year 2025 for annual periods) and interim periods within fiscal years beginning after December 15, 2024 (our fiscal year 2026 for interim periods) on a retrospective basis. Other than presentation changes to our segment footnote, we do not expect the adoption of ASU No. 2023-07 to have a material impact on our consolidated financial statements.

In November 2024, the FASB issued ASU No. 2024-03, "Expense Disaggregation Disclosures (Subtopic 280-10): Improvements to Income Tax Disclosures." ASU No. 2024-03 requires that public business entities disclose additional information about specific expense categories in the notes to financial statements at interim and annual reporting periods. The ASU is effective for fiscal years beginning after December 15, 2026 (our fiscal year 2028 for annual periods) and interim periods within fiscal years beginning after December 15, 2027 (our fiscal year 2029 for interim periods), with early adoption and prospective or retrospective application permitted. We are currently assessing the effect the adoption of this standard will have on our consolidated financial statement disclosures.

We have reviewed all recently issued accounting pronouncements and have concluded that, other than as described above, they are either not applicable to us or are expected to have a significant impact on our consolidated financial statements.

Description of Business

In this quarterly report on Form 10-K, Mesa Laboratories, Inc., a Colorado corporation, together with its subsidiaries, is collectively referred to as "we," "us," "our," the "Company," or "Mesa."

As of December 31, 2024, we managed our operations in four reportable segments, or divisions:

Segment	Reportable Segments
Pharmaceutical	Pharmaceutical
Healthcare	Healthcare
Medical Device	Medical Device
Other	Other

Our pharmaceutical segment includes the following products and services:

- Sterilization and Disinfection Control
- Manufactures and sells biological, chemical and cleaning indicators used to assess the effectiveness of sterilization, decontamination, disinfection, and cleaning processes in the medical device, pharmaceutical, and

healthcare industries. The division also provides testing and laboratory services, mainly to the dental and pharmaceutical industries. </td></tr><tr style="vertical-align: top;"><td style="width: 18pt;"></td><td style="width: 18pt;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;">●</p></td><td style="width: auto;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;"><i>Clinical Genomics</i> - develops, manufactures and sells highly sensitive, low-cost, high-throughput genetic analysis tools and related consumables and services that enable clinical research labs and contract research organizations to perform genomic testing for a broad range of research applications in several therapeutic areas, such as screenings for hereditary diseases, pharmacogenetics, oncology-related applications, and toxicology research.</p></td></tr></tbody></table><table border="0" cellpadding="0" cellspacing="0" style="width: 100%; text-indent: 0px;"><tbody><tr style="vertical-align: top;"><td style="width: 18pt;"></td><td style="width: 18pt;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;">●</p></td><td style="width: auto;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;"><i>Biopharmaceutical Development</i> - develops, manufactures, sells and services automated systems for protein analysis (immunoassays) and peptide synthesis solutions. Immunoassays and peptide synthesis solutions accelerate the discovery, development, and manufacture of biotherapeutic therapies, among other applications.</p></td></tr></tbody></table><table border="0" cellpadding="0" cellspacing="0" style="width: 100%; text-indent: 0px;"><tbody><tr style="vertical-align: top;"><td style="width: 18pt;"></td><td style="width: 18pt;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;">●</p></td><td style="width: auto;"><p style="margin: 0pt; text-align: left; font-family: "Times New Roman"; font-size: 10pt;"><i>Calibration Solutions</i> - develops, manufactures, sells and services quality control products using principles of advanced metrology to enable customers to measure and calibrate critical parameters in applications such as environmental and process monitoring, dialysis, gas flow, air quality and torque testing.</p></td></tr></tbody></table><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"></p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>Basis of Presentation</u></p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>The accompanying unaudited Condensed Consolidated Financial Statements have been prepared in accordance with the rules and regulations of the Securities and Exchange Commission and in accordance with accounting principles generally accepted in the United States ("U.S. GAAP") for interim financial information. In the opinion of management, such unaudited information includes all adjustments, consisting of normal recurring adjustments necessary for the fair statement of our financial position and results of operations. The results of operations for interim periods are<em style="font: inherit;">not necessarily indicative of results that<em style="font: inherit;">may be achieved for the entire year. The year-end Condensed Consolidated Balance Sheet data was derived from audited financial statements but does<em style="font: inherit;">not include all disclosures required by accounting principles generally accepted in the United States of America. The Condensed Consolidated Financial Statements include the accounts of Mesa and its wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. We made<em style="font: inherit;">no material changes to the application of our significant accounting policies disclosed in our annual report on Form<em style="font: inherit;">10</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>This quarterly report should be read in conjunction with the consolidated financial statements included in our annual report on Form<em style="font: inherit;">10</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>March 31, 2024</u></p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>Our fiscal year ends on<em style="font: inherit;">March 31.</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>References in this quarterly report to a particular "year" or "quarter" refer to our fiscal year or fiscal quarters, respectively.</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>Prior Period Reclassifications</u></p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>For the<em style="font: inherit;">nine months ended<em style="font: inherit;">December 31, 2024,</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>certain prior period amounts in our unaudited Condensed Consolidated Statements of Operations related to cash interest payments on acquisition holdback liabilities and non-cash debt issuance cost amortization have been reclassified out of "Other expense (income), net" and into "Interest expense and amortization of debt issuance costs." Additionally, prior period<em style="font: inherit;">third party costs related to the repurchase of a portion of our convertible senior notes have been reclassified out of "Other expense (income), net" and are reflected within the "Gain on extinguishment of convertible senior notes." These reclassifications have<em style="font: inherit;">not resulted in any change to "Non-operating expense (income), net" nor in any material change to other amounts presented in our unaudited condensed consolidated financial statements for the<em style="font: inherit;">three and<em style="font: inherit;">nine months ended<em style="font: inherit;">December 31, 2024.</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>In<em style="font: inherit;">November 2023,</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u>the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU")<em style="font: inherit;">No.</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"><u><em style="font: inherit;">ASU<em style="font: inherit;">2023</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 1

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require frequent replacement in our customers' operating cycles. Consumables sold by our Clinical Genomics and Biopharmaceutical Development divisions, such as reagents used for molecular and genetic analysis or solutions used for protein synthesis, are critical to the ongoing use of our instruments. Consumables such as biological and chemical indicator test strips sold by our Sterilization and Disinfection Control division are used on a standalone basis.


Revenues from hardware and consumables are recognized upon transfer to the customer, typically at the point of shipment.



We also offer maintenance, calibration and testing services. Services result in revenues recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. In many cases, our contracts contain both revenues recognized over time and revenues recognized at a point in time.



We evaluate our revenues internally based on business division and the nature of goods and services provided.



The following tables present disaggregated revenues for the three and twelve months ended December 31, 2024 and December 31, 2023, respectively:



|                                                                            | Three Months Ended December 31, 2024 | Three Months Ended December 31, 2023 |
|----------------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Revenues from hardware and consumables                                     | \$25.5                               | \$25.5                               |
| Revenues from maintenance, calibration and testing services                | \$25.5                               | \$25.5                               |
| Revenues from clinical genomics and biopharmaceutical development services | \$25.5                               | \$25.5                               |
| Revenues from sterilization and disinfection control services              | \$25.5                               | \$25.5                               |
| Revenues from other services                                               | \$25.5                               | \$25.5                               |
| Total                                                                      | \$102.0                              | \$102.0                              |



Revenues from hardware and consumables are recognized upon transfer to the customer, typically at the point of shipment. Revenues from maintenance, calibration and testing services are recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. Revenues from clinical genomics and biopharmaceutical development services are recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. Revenues from sterilization and disinfection control services are recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service. Revenues from other services are recognized over time, for example, when we are obligated to perform labor and replace parts on an as-needed basis over a contractually specified period of time, or at a point in time, upon completion of a specific, discrete service.


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style="width: 1%; font-family: "Times New Roman"; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); border-top: 1px solid rgb(0, 0, 0);">\$</td><td style="width: 12%; text-align: right; font-family: "Times New Roman"; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); border-top: 1px solid rgb(0, 0, 0);">32.675</td><td style="width: 1%; font-family: Times New Roman; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td></tr></tbody></table> 57280007014000107090001181300058530006304000583200075440002812200032675000 Intersegment revenues are not significant and are eliminated to arrive at consolidated totals. Unallocated corporate expenses are reported within corporate and other. Revenues of \$12,117 from GKE are included in the Sterilization and Disinfection Control division during the six months ended September 30, 2024. Accumulated Other Comprehensive Income (Loss). Revenues of \$5,863 from GKE are included in the Sterilization and Disinfection Control division during the three months ended September 30, 2024. Includes post-acquisition GKE results during the three and six months ended September 30, 2024. Balances for PSUs granted are reflected at target.