0001493152-24-04383210-Q Ainos, Inc. 20241106202411061615311615321615321615321

Â 28,283,208Â Property and equipment, netÂ Â 649,063Â Â Â 876,572Â Other AssetsÂ Â 183,229Â Â Â 208,827Â Total assetsÂ $31,369,746Â Â $31,841,804Â Â Â Â Â Â Â Â Â Â Liabilities and Stockholdersâ€™ EquityÂ Â Â Â Â Â Â Â Current liabilities:Â Â Â Â Â Â Â Â Contract liabilitiesÂ $110,142Â Â $112,555Â Convertible notes payable (including amounts of related party of $2,000,000 and nil as of September 30, 2024 and December 31, 2023, respectively)Â Â 3,000,000Â Â Â -Â Other notes payable, related partyÂ Â 270,000Â Â Â 42,000Â Accrued expenses and others current liabilitiesÂ Â 750,629Â Â Â 1,182,283Â Total current liabilitiesÂ Â 4,130,771Â Â Â 1,336,838Â Long term liabilities:Â Â Â Â Â Â Â Â Senior secured convertible notes measured at fair valueÂ Â -Â Â Â 2,651,556Â Convertible notes payable-noncurrent (including amounts of related party of $9,000,000 and $2,000,000 as of September 30, 2024 and December 31, 2023, respectively)Â Â 9,000,000Â Â Â 3,000,000Â Other notes payable, related party-noncurrentÂ Â -Â Â Â 270,000Â Other long-term liabilitiesÂ Â 216,760Â Â Â 135,829Â Total liabilitiesÂ Â 13,347,531Â Â Â 7,394,223Â Â Â Â Â Â Â Â Â Commitments and contingenciesÂ Â -Â Â Â -Â Stockholdersâ€™ equity:Â Â Â Â Â Â Â Â Preferred stock, $0.01 par value; 50,000,000 shares authorized; none issued and outstanding as of September 30, 2024 and December 31,2023, respectively;Â Â -Â Â Â -Â Common stock, $0.01 par value; 300,000,000 shares authorized as of September 30, 2024 and December 31,2023; 13,813,434 and 4,677,787 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectivelyÂ Â 138,134Â Â Â 46,778Â Common Shares to be issued 900 shares and 162,337 shares as of September 30, 2024 and December 31, 2023, respectivelyÂ Â 9Â Â Â 1,623Â Additional paid-in capitalÂ Â 66,223,783Â Â Â 62,555,808Â Accumulated deficitÂ Â (48,095,304)Â Â Â (37,886,155) Accumulated other comprehensive loss-translation adjustmentÂ Â (244,407)Â Â (270,473) Total stockholdersâ€™ equityÂ Â 18,022,215Â Â Â 24,447,581Â Total liabilities and stockholdersâ€™ equityÂ $31,369,746Â Â $31,841,804Â Â See accompanying notes to condensed financial statements. Â 3Â Â Ainos, Inc. Condensed Statements of Operations (Unaudited) Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three months ended September 30,Â Â Nine months ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Revenues (including amounts of related party of nil and $21,224 for the three months September 30, 2024 and 2023, and nil and $33,765 for the nine months ended September 30, 2024 and 2023, respectively)Â $-Â Â $24,489Â Â $20,729Â Â $102,208Â Cost of revenues (including amounts of related party of nil and $39,523 for the three months September 30, 2024 and 2023, and nil and $86,158 for the nine months ended September 30, 2024 and 2023, respectively)Â Â (547)Â Â Â (87,873)Â Â Â (52,674)Â Â Â (244,538) Gross loss Â Â (547)Â Â Â (63,384)Â Â Â (31,945)Â Â Â (142,330) Operating expenses: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Research and development expenses(including amounts of related party of $385,498 and $135,606 for the three months ended September 30, 2024 and 2023, and $1,147,198 and $287,802 for the nine months ended September 30, 2024 and 2023, respectively)Â Â 2,022,244Â Â Â 1,710,265Â Â Â 6,085,648Â Â Â 5,080,335Â Selling, general and administrative expensesÂ Â 1,015,758Â Â Â 902,017Â Â Â 3,090,056Â Â Â 2,282,631Â Total operating expensesÂ Â 3,038,002Â Â Â 2,612,282Â Â Â 9,175,704Â Â Â 7,362,966Â Loss from operations Â Â (3,038,549)Â Â Â (2,675,666)Â Â (9,207,649)Â Â Â (7,505,296) Non-operating (expenses) income, netÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Interest expenses Â Â (264,642)Â Â Â (44,267)Â Â Â (432,097)Â Â Â (93,852) Issuance cost of senior secured convertible note measured at fair valueÂ Â (169,344)Â Â Â (260,967)Â Â Â (308,336)Â Â Â (260,967) Fair value change for senior secured convertible noteÂ Â (177,212)Â Â Â -Â Â Â (275,624)Â Â Â -Â Other (expenses) income, netÂ Â (49,570)Â Â Â 5,054Â Â Â 14,557Â Â Â 14,067Â Total non-operating expensesÂ Â (660,768)Â Â Â (300,180)Â Â Â (1,001,500)Â Â Â (340,752) Net loss before income taxesÂ Â Â (3,699,317)Â Â Â (2,975,846)Â Â Â (10,209,149)Â Â Â (7,846,048) Provision for income taxesÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Net lossÂ $(3,699,317)Â Â $(2,975,846)Â $(10,209,149)Â Â $(7,846,048) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net loss per common share-basic and dilutedÂ $(0.33)Â Â $(0.73)Â Â $(1.30)Â Â $(1.95) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted-average shares used in computing net loss per common share-basic and dilutedÂ Â 11,279,220Â Â Â Â Â 4,058,413Â Â Â Â Â 7,868,997Â Â Â Â Â 4,026,756Â Â See accompanying notes to condensed financial statements. Â 4Â Â Ainos, Inc. Condensed Statements of Comprehensive Loss (Unaudited) Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three months ended September 30,Â Â Nine months ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net lossÂ $(3,699,317)Â $(2,975,846)Â $(10,209,149)Â $(7,846,048) Other comprehensive (loss) income:Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Translation adjustmentÂ Â 135,981Â Â Â (78,833)Â Â Â 26,066Â Â Â (122,639) Comprehensive lossÂ $(3,563,336)Â $(3,054,679)Â $(10,183,083)Â $(7,968,687) Â See accompanying notes to condensed financial statements. Â 5Â Â Ainos, Inc. Condensed Statements of Stockholdersâ€™ Equity For the three months ended September 30, 2024 and 2023 (Unaudited) Â Â Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â CapitalÂ Â DeficitÂ Â LossÂ Â EquityÂ Â Â Preferred StockÂ Â Common StockÂ Â Common Stock - to be issuedÂ Â Additional Paid-inÂ Â AccumulatedÂ Â Accumulated Other ComprehensiveÂ Â Total Stockholdersâ€™Â Â Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â CapitalÂ Â DeficitÂ Â LossÂ Â EquityÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at June 30, 2024Â Â -Â Â $-Â Â Â 7,388,674Â Â $73,887Â Â Â 270Â Â $3Â Â $65,414,761Â Â $(44,395,987)Â $(380,388)Â $20,712,276Â Issuance of stock to settle vested RSUsÂ Â -Â Â Â -Â Â Â 268,028Â Â Â 2,680Â Â Â 630Â Â Â 6Â Â Â (2,686)Â Â Â -Â Â Â -Â Â Â -Â Conversion of senior secured convertible note payable to common stockÂ Â -Â Â Â -Â Â Â 656,732Â Â Â 6,567Â Â Â -Â Â Â -Â Â Â 395,917Â Â Â -Â Â Â -Â Â Â 402,484Â Issuance of common stock for patent license agreementÂ Â -Â Â Â -Â Â Â 5,500,000Â Â Â 55,000Â Â Â -Â Â Â -Â Â Â (55,000)Â Â -Â Â Â -Â Â Â -Â Â Â -Â Share-based compensationÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 470,791Â Â Â -Â Â Â -Â Â Â -Â Â Â 470,791Â Net lossÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (3,699,317)Â Â Â -Â Â Â (3,699,317) Translation adjustmentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 135,981Â Â Â 135,981Â Balance at September 30, 2024Â Â -Â Â $-Â Â Â 13,813,434Â Â $138,134Â Â Â 900Â Â $9Â Â $66,223,783Â Â $(48,095,304)Â $(244,407)Â $18,022,215Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at June 30, 2023Â Â -Â Â $-Â Â Â 4,058,523Â Â $40,585Â Â Â -Â Â $-Â Â $59,586,019Â Â $(28,985,808)Â $(245,459)Â $30,395,337Â Issue warrant to Placement agentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 15,467Â Â Â -Â Â Â -Â Â Â 15,467Â Share-based compensationÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 324,842Â Â Â -Â Â Â -Â Â Â -Â Â Â 324,842Â Net lossÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (2,975,846)Â Â Â -Â Â Â (2,975,846) Translation adjustmentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (78,833)Â Â Â (78,833) Balance at September 30, 2023Â Â -Â Â $-Â Â Â 4,058,523Â Â $40,585Â Â Â -Â Â $-Â Â $59,926,328Â Â $(31,961,654)Â $(324,292)Â $27,680,967Â Â See accompanying notes to condensed financial statements. Â 6Â Â Ainos, Inc. Condensed Statements of Stockholdersâ€™ Equity For the nine months ended September 30, 2024 and 2023 (Unaudited) Â Â Â Preferred StockÂ Â Common StockÂ Â Common Stock - to be issuedÂ Â Additional Paid-inÂ Â AccumulatedÂ Â Accumulated Other ComprehensiveÂ Â Total Stockholdersâ€™Â Â Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â CapitalÂ Â DeficitÂ Â LossÂ Â EquityÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at December 31, 2023Â Â -Â Â $-Â Â Â 4,677,787Â Â $46,778Â Â Â 162,337Â Â $1,623Â Â $62,555,808Â Â $(37,886,155)Â $(270,473)Â $24,447,581Â Conversion of senior secured convertible note payable to common stockÂ Â -Â Â Â -Â Â Â 3,071,318Â Â Â 30,713Â Â Â -Â Â Â -Â Â Â 2,410,978Â Â Â -Â Â Â -Â Â Â 2,441,691Â Issuance of stock to settle vested RSUsÂ Â -Â Â Â -Â Â Â 401,992Â Â Â 4,020Â Â Â 900Â Â Â 9Â Â Â (4,029)Â Â Â -Â Â Â -Â Â Â -Â Related party used computer equipmentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (4,428)Â Â Â -Â Â Â -Â Â Â -Â Â Â (4,428) Warrants issued in connection with senior secured convertible note payableÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 1,586Â Â Â -Â Â Â -Â Â Â -Â Â Â 1,586Â Issuance of common stockÂ Â -Â Â Â -Â Â Â 162,337Â Â Â 1,623Â Â Â (162,337)Â Â Â (1,623)Â Â Â -Â Â Â -Â Â Â -Â Issue common stock for patent license agreementÂ Â -Â Â Â -Â Â Â 5,500,000Â Â Â 55,000Â Â Â -Â Â Â -Â Â Â (55,000)Â Â -Â Â Â -Â Â Â -Â Â Â -Â Share-based compensationÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 1,318,868Â Â Â -Â Â Â -Â Â Â 1,318,868Â Net lossÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (10,209,149)Â Â Â -Â Â Â (10,209,149) Translation adjustmentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 26,066Â Â Â -Â Â Â 26,066Â Balance at September 30, 2024Â Â -Â Â $-Â Â Â 13,813,434Â Â $138,134Â Â Â 900Â Â $9Â Â $66,223,783Â Â $(48,095,304)Â $(244,407)Â $18,022,215Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at December 31, 2022Â Â -Â Â $-Â Â Â 4,002,320Â Â $40,023Â Â Â -Â Â $-Â Â $58,905,242Â Â $(24,115,606)Â $(201,653)Â $34,628,006Â BalanceÂ Â -Â Â $-Â Â Â 4,002,320Â Â $40,023Â Â Â -Â Â $-Â Â $58,905,242Â Â $(24,115,606)Â $(201,653)Â $34,628,006Â Issuance of stock to settle vested RSUsÂ Â -Â Â Â -Â Â Â 25,306Â Â Â 253Â Â Â -Â Â Â -Â Â Â (253)Â Â -Â Â Â -Â Â Â -Â Â Â -Â Issuance of stock in exchange of vehicleÂ Â -Â Â Â -Â Â Â 12,231Â Â Â 122Â Â Â -Â Â Â -Â Â Â 48,437Â Â Â -Â Â Â -Â Â Â 48,559Â Conversion of convertible notes payable to common stockÂ Â -Â Â Â -Â Â Â 18,666Â Â Â 187Â Â Â -Â Â Â -Â Â Â 274,602Â Â Â -Â Â Â -Â Â Â 274,789Â Warrants issued in connection with senior secured convertible note payableÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 15,467Â Â Â -Â Â Â -Â Â Â -Â Â Â 15,467Â Share-based compensationÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â 682,833Â Â Â -Â Â Â -Â Â Â -Â Â Â 682,833Â Net lossÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (7,846,048)Â Â Â -Â Â Â (7,846,048) Translation adjustmentÂ Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â -Â Â Â (122,639)Â Â Â (122,639) Balance at September 30, 2023Â Â -Â Â $-Â Â Â 4,058,523Â Â $40,585Â Â Â -Â Â $-Â Â $59,926,328Â Â $(31,961,654)Â $(324,292)Â $27,680,967Â BalanceÂ Â -Â Â $-Â Â Â 4,058,523Â Â $40,585Â Â Â -Â Â $-Â Â $59,926,328Â Â $(31,961,654)Â $(324,292)Â $27,680,967Â Â See accompanying notes to condensed financial statements. Â 7Â Â Ainos, Inc. Condensed Statements of Cash Flows (Unaudited) Â Â Â 2024Â Â 2023Â Â Â Nine months ended September 30Â Â Â 2024Â Â 2023Â Cash flows from Operating Activities:Â Â Â Â Â Â Â Â Â Net lossÂ $(10,209,149)Â $(7,846,048) Adjustments to reconcile net loss to net cash used in operating activities:Â Â Â Â Â Â Â Â Â Depreciation and amortizationÂ Â 3,610,387Â Â Â 3,653,746Â Loss on inventory write-downsÂ Â -Â Â Â 120,931Â Share-based compensation expenseÂ Â 1,318,868Â Â Â 682,833Â Issuance cost of senior secured convertible note measured at fair valueÂ Â 308,336Â Â Â 260,967Â Change in fair value of senior secured convertible noteÂ Â 275,624Â Â Â -Â Changes in operating assets and liabilities:Â Â Â Â Â Â Â Â Â Accounts receivableÂ Â 455Â Â Â 201,384Â InventoryÂ Â 6,892Â Â Â 6,812Â Other current assetsÂ Â 87,623Â Â Â (757) Accrued expenses and other current and long-term liabilitiesÂ Â (343,072)Â Â (401,622) Net cash used in operating activitiesÂ Â (4,944,036)Â Â (3,321,754) Cash flows from Investing Activities:Â Â Â Â Â Â Â Â Â Purchase of property and equipmentÂ Â (20,423)Â Â Â (107,867) Increase in refundable deposits and othersÂ Â (118,154)Â Â Â (9,661) Net cash used in investing activitiesÂ Â (138,577)Â Â Â (117,528) Cash flows from Financing Activities:Â Â Â Â Â Â Â Â Â Proceeds from convertible notes payable- noncurrentÂ Â -Â Â Â 1,000,000Â Proceeds from convertible notes payable- noncurrent, related partyÂ Â 9,000,000Â Â Â 2,000,000Â Proceeds from senior secured convertible notes payableÂ Â 875,000Â Â Â 2,000,000Â Repayment of other notes payable, related partyÂ Â (42,000)Â Â (572,000) Repayment of senior secured convertible notes payableÂ Â (1,439,754)Â Â -Â Repayment of convertible notes payable, related partyÂ Â -Â Â Â (114,026) Payments of issuance cost of senior secured convertible note measured at fair valueÂ Â (97,500)Â Â (290,000) Net cash provided by financing activitiesÂ Â 8,295,746Â Â Â 4,023,974Â Effect from foreign currency exchangeÂ Â 57,845Â Â Â (67,091) Net increase in cash and cash equivalentsÂ Â 3,270,978Â Â Â 517,601Â Cash and cash equivalents at beginning of yearÂ Â 1,885,628Â Â Â 1,853,362Â Cash and cash equivalents at end of yearÂ $5,156,606Â Â $2,370,963Â Â Â Â Â Â Â Â Â Â Supplemental Cash Flow InformationÂ Â Â Â Â Â Â Â Â Cash paid for interestÂ $3,932Â Â $16,897Â Â Â Â Â Â Â Â Â Â Â Noncash financing and investing activities:Â Â Â Â Â Â Â Â Â Conversion of convertible notes payable to common stock and accrued interest waived by convertible notes holdersÂ $-Â Â $274,789Â Conversion of senior secured convertible notes to common stockÂ $2,441,691Â Â $-Â Issuance of common stocks in exchange of vehicleÂ $-Â Â $48,559Â Account payable to purchase equipmentÂ $-Â Â $107,867Â Â See accompanying notes to the condensed financial statements. Â 8Â Â Ainos, Inc. Notes to Condensed Financial Statements (Unaudited) Â 1. Description of Business Â Organization and Business Â Ainos, Inc. (the â€œCompanyâ€), incorporated in the State of Texas in 1984, is a diversified healthcare company focused on the development of novel point-of-care testing (the â€œPOCTâ€), therapeutics based on very low-dose interferon alpha (the â€œVELDONAâ€), and synthetic RNA-driven preventative medicine. Our product pipeline includes commercial-stage VELDONA Pet cytoprotein supplements, clinical-stage VELDONA human and animal therapeutics and telehealth-friendly POCTs powered by the AI Nose technology platform. Â We have historically involved in the research and development of therapeutics based on VELDONA. Building on our research and development on VELDONA since inception, we are focused on commercializing a suite of VELDONA-based product candidates. Currently our priority VELDONA pipeline includes drug candidates for treating oral warts for human immunodeficiency virus (HIV) seropositive patients, SjÃ¶grenâ€™s syndrome, and feline chronic gingivostomatitis (FCGS), a cat oral infection. Â In 2021 and 2022, we acquired certain types of intellectual property from our controlling shareholder, Ainos Inc., a Cayman Island corporation (â€œAinos KYâ€), to expand product portfolio into POCTs aimed to provide connected, rapid, and convenient testing for a broad range of health conditions. Pivoting from the sales of COVID-19 POCT, we aim to commercialize POCTs that detect volatile organic compounds (the â€œVOCâ€) emitted by the body, powered by our AI Nose technology platform. Our AI Nose technology platform implements digital nose sensors and our proprietary algorithm to analyze and digitally profile VOCs emitted by the body. Our lead VOC POCT candidate, Ainos Flora, aims to test female vaginal health and certain common sexually transmitted infections (the â€œSTIsâ€) quickly and easily. Â We believe AI Nose has additional opportunities in telehealth, automotive, industrial, and environmental safety applications. To address these additional opportunities, we are codeveloping a VOC POCT solution for the elderly care market. We are also codeveloping a VOC sensing solution to address the industrial market, as our first move to expand the application of AI Nose beyond healthcare. Our vision is to leverage digital nose sensors and our proprietary VOC sensing AI algorithm, to digitize smell and ultimately become AIâ€™s nose. Â Underwritten Public Offering Â The Companyâ€™s registration statement related to its underwritten public offering (the â€œOfferingâ€) was declared effective on August 8, 2022, and the Companyâ€™s common stock and warrants began trading on the Nasdaq Capital Market (the â€œNasdaqâ€) on August 9, 2022 under the trading symbols â€œAIMDâ€ and â€œAIMDWâ€, respectively. Â Reverse Stock Splits Â In connection with the Offering, the Companyâ€™s board of directors on April 29, 2022 and its shareholders on May 16, 2022 approved a 1-for-15 reverse stock split of the Companyâ€™s common stock that became effective on August 9, 2022. Further, to comply with Nasdaqâ€™s minimum $1.00 per share continued listing rules, the Company filed a Certificate of Amendment to its Restated Certificate of Formation on November 27, 2023, to apply for another reverse stock split of the Companyâ€™s common stock at a ratio of 1-for-5 which was effectuated on December 14, 2023 after receiving required approvals. Â The par value of $0.01 and authorized shares of the Companyâ€™s common stock remains the same and were not adjusted as a result of the reverse stock splits. All issued and outstanding common stock, restricted stock units (RSUs), outstanding convertible notes, warrants and options to purchase common stock and per share amounts contained in the financial statements have been retroactively adjusted to give effect to the reverse stock splits for all periods presented. Â 9Â Â 2. Summary of Significant Accounting Policies Â Basis of Presentation Â The accompanying condensed financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (the â€œGAAPâ€) and pursuant to the accounting disclosure rules and regulations of the Securities and Exchange Commission (the â€œSECâ€) regarding interim financial reporting. Certain information and note disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these condensed financial statements should be read in conjunction with the financial statements and notes included in the Companyâ€™s audited financial statements as of and for the year ended December 31, 2023 contained in the Annual Report on Form 10-K filed with the SEC on March 8, 2024. Â In the opinion of management, the accompanying condensed financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, and cash flows for the interim periods. The results for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter, the year ending December 31, 2024, or any other period. Â There have been no material changes to the Companyâ€™s significant accounting policies as described in the audited financial statements as of December 31, 2023. Â Use of Estimates Â The preparation of condensed financial statements in conformity with GAAP requires management to make certain estimates, judgments, and assumptions that affect the reported amounts of assets and liabilities and disclosures as of the date of the condensed financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on various factors, including historical experience, and on various other assumptions that are believed to be reasonable under the circumstances, when these carrying values are not readily available from other sources. Significant items subject to estimates and assumptions include useful lives of property and equipment, valuation of stock option, warrants and convertible notes measured at fair value, and impairment testing of intangible assets. Actual results may differ from these estimates. Â Liquidity Â As of September 30, 2024, the Company had cash and cash equivalents of $5,156,606. The Company plans to finance its operations and development needs with its existing cash and cash equivalents, additional equity and/or debt financing arrangements, to support the Companyâ€™s clinical trial activities, largely in connection with Ainos Flora and human related VELDONA therapeutics. There can be no assurance that the Company will be able to obtain additional financing on terms acceptable to the Company, on a timely basis, or at all. Â For the nine months ended September 30, 2024, the Company generated a net loss of $10,209,149. The Company expects to continue incurring development expenses for the next twelve months as the Company advances Ainos Flora and VELDONA therapeutics for humans through clinical development until regulatory approval is received and the sales and marketing of the products is authorized. Â The financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has incurred net operating losses since inception and has an accumulated deficit as of September 30, 2024 of $48,095,304 and expects to incur additional losses and

negative operating cash flows for at least the next twelve months. The Companyâ€™s ability to meet its obligations is dependent upon its ability to generate sufficient cash flows from operations and future financing transactions. Â 10 Â Â Segments Â Operating segments are defined as components of an entity for which separate financial information is available and that is regularly reviewed by the chief operating decision maker (the â€œCODMâ€) in deciding how to allocate resources to an individual segment and in assessing performance. The Companyâ€™s Chief Executive Officer is the Companyâ€™s CODM. The CODM reviews financial information prepared on the basis of accounting policy disclosed in its annual financial statement for purposes of making operating decisions, allocating resources, and evaluating financial performance of the Company. As such, the Company has determined that it operates as one operating segment. Â Impairment of Intangible Assets Â The Company reviews its definite-lived intangibles and other long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be fully recoverable. When such events occur, management determines whether there has been impairment by comparing the anticipated undiscounted future net cash flows to the carrying value of the asset or asset group. If impairment exists, the assets are written down to their estimated fair value. No impairment of definite-lived intangible and long-lived assets was recorded for the three and nine months ended September 30, 2024 and 2023. Â Fair Value Option Â ASC 825-10, Financial Instruments, provides a fair value option (the â€œFVOâ€) election that allows companies an irrevocable election to use fair value as the initial and subsequent accounting measurement attribute for certain financial assets and liabilities. ASC 825-10 permits entities to elect to measure eligible financial assets and liabilities at fair value on an ongoing basis. Unrealized gains and losses on items for which the FVO has been elected are reported in earnings, except for the effect of changes in own credit, which are recognized in other comprehensive income/loss. The decision to elect the FVO is determined on an instrument-by-instrument basis, must be applied to an entire instrument and is irrevocable once elected. Assets and liabilities measured at fair value pursuant to ASC 825-10 are required to be reported separately from those instruments measured using another accounting method. Â The Company elected to account for the senior secured convertible notes issued to Lind Global Fund II LP (the â€œLind Noteâ€) using FVO, which allows for valuing the Lind Note at fair value in its entirety versus bifurcation of the embedded derivatives (see Note 5). The fair value of the Lind Note is determined using a binomial lattice valuation model, which is widely used for valuing convertible notes. The significant assumptions used in the model is volatility of the Companyâ€™s common stock. If different assumptions are used, the fair value of the convertible notes and the change in estimated fair value could be materially different. A significant increase in the volatility of the market price of the Companyâ€™s common stock, in isolation, would result in a significantly higher fair value; and a significant decrease in volatility would result in a significantly lower fair value. Â Recent Accounting Pronouncements Adopted Â On January 1, 2023, the Company adopted Accounting Standards Update (the â€œASUâ€) 2016-13 (the â€œASU 2016-13â€), Financial Instrumentsâ€”Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, which the Financial Accounting Standards Board (the â€œFASBâ€) issued in June 2016. The new standard changes the accounting for credit losses for financial assets and certain other instruments, including trade receivables and contract assets that are not measured at fair value through net income. Under legacy standards, the Company recognizes an impairment of receivables when it was probable that a loss had been incurred. Under the new standard pursuant to ASU 2016-13, the Company is required to recognize estimated credit losses expected to occur over the estimated life or remaining contractual life of an asset (which includes losses that may be incurred in future periods) using a broader range of information including reasonable and supportable forecasts about future economic conditions. The guidance is effective for smaller reporting companies (the â€œSRCâ€) as defined by the SEC for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years with early adoption permitted. The Companyâ€™s adoption of this new guidance did not have a material impact on the Companyâ€™s financial statements and related disclosure. Â 11 Â Â On January 1, 2023, the Company early adopted ASU 2020-06 (the â€œASU 2020-06â€), Debtâ€”Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedgingâ€”Contracts in Entityâ€™s Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entityâ€™s Own Equity, which simplifies accounting for convertible instruments by removing major separation models required under current GAAP. ASU 2020-06 as issued by FASB in August 2020 removes certain settlement conditions that are required for equity contracts to qualify for the derivative scope exception, and it also simplifies the diluted earnings per share calculation in certain areas. ASU 2020-06 is effective for SRCâ€™s fiscal years beginning after December 15, 2023, including interim periods within those fiscal years, with early adoption permitted. The Companyâ€™s early adoption of this new guidance did not have a material impact on its financial statements and related disclosures. Â Accounting Standards Issued but Not Yet Adopted Â No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Companyâ€™s financial statements. Â 3. Cash and Cash Equivalents Â As of September 30, 2024 and December 31, 2023, cash and cash equivalents consisted of cash on hand and cash in bank which is potentially subject to concentration of credit risk. Such balance is maintained at financial institutions that management determines to be of high-credit quality. Cash accounts at each institution are insured by the Federal Deposit Insurance Corporation in the U.S.A or Central Deposit Insurance Corporation in Taiwan up to certain limits. At times, such deposits may be in excess of the insurance limit. Accounts are guaranteed by the Federal Deposit Insurance Corporation (FDIC) up to $250,000. As of September 30, 2024 and December 31, 2023, the Company had approximately $230,115 and $1,557,487 in excess of FDIC insured limits, respectively. The Company maintains cash in state-owned banks in Taiwan. In Taiwan, the insurance coverage of each bank is NTD$3,000,000 (approximately USD$94,750). As of September 30, 2024 and December 31, 2023, the Company had approximately $4,557,900 and $0 cash in excess of the insured amount, respectively. The Company has not experienced any losses in such accounts. Â 4. Inventory Â Inventory stated at cost, net of reserve, consisted of the following: Â Schedule of Inventory Â Â September 30,Â Â December 31,Â Â Â 2024Â Â 2023Â Raw materialsÂ $88,765Â Â $92,708Â Work in processÂ Â 1,171Â Â Â 1,208Â Finished goodsÂ Â 70,765Â Â Â 73,677Â TotalÂ $160,701Â Â $167,593Â Â Inventory write-downs to estimated net realizable values were nil for the three and nine months ended September 30, 2024, respectively, compared to $63,457 and $120,931 for the three and nine months ended September 30, 2023, respectively. Â 5. Convertible Notes Payable and Other Notes Payable Â As of September 30, 2024 and December 31, 2023, the respective notes payable were as follows: Â Schedule of Notes Payable Â Â September 30, 2024Â Â December 31, 2023Â Other notes payable, related party â€“ currentÂ $270,000Â Â $42,000Â Other notes payable, related party - noncurrentÂ Â -Â Â Â 270,000Â March 2025 Convertible Notes, related party â€“ noncurrent (ASE Note)Â Â -Â Â Â 2,000,000Â March 2025 Convertible Notes, related party â€“current (ASE Note)Â Â 2,000,000Â Â Â -Â March 2025 Convertible Notes â€“ noncurrent (Lee Note)Â Â -Â Â Â 1,000,000Â March 2025 Convertible Notes â€“current (Lee Note)Â Â 1,000,000Â Â Â -Â Senior secured convertible notes payable (Lind Note) - fair valueÂ Â -Â Â Â 2,651,556Â May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note)Â Â 9,000,000Â Â Â -Â Notes payableÂ $12,270,000Â Â $5,963,556Â Â 12 Â Â The other notes payable were issued to Ainos KY, the controlling shareholder of the Company, in exchange for $800,000 in cash to support working capital of the Company in March 2022 (the â€œKY Noteâ€). The Company paid off $530,000 of the KY Note during the year ended December 31, 2023. The Company did not repay the KY Note during the three and nine months ended September 30, 2024. The KY Note bear an interest rate of 1.85% per annum. On August 17, 2023, the Company entered into extension agreements with Ainos KY to extend the maturity to March 31, 2025. Another note payable was issued to i2China Management Group, LLC (â€œi2Chinaâ€) in exchange for consulting services in 2020 (the â€œi2China Noteâ€) the Company paid off the remain outstanding amount of $42,000 with accrued interest on August 16, 2024. Â All of the aforementioned convertible promissory notes and other notes payable are unsecured and due upon maturity. Holders of convertible notes have the option to convert some or the entire unpaid principal and accrued interest to common stock of the Company. Â May 2027 Convertible Notes and Warrant Purchase Agreement Â On May 3, 2024, The Company entered into Convertible Note and Warrant Purchase Agreement with the ASE Test, Inc. (â€œASEâ€), a shareholder of Ainos KY, for the issuance of convertible promissory notes with 6% compound interest in the aggregate principal amount of $9,000,000 (collectively the â€œNotesâ€) convertible into shares of common stock, par value $0.01 per share, of the Company, payable three (3) years from May 3, 2024 as well as the issuance of warrants for the purchase of up to 500,000 shares of common stock at a price per share of $4.50, exercisable until May 3, 2029. As of September 30, 2024, the Company received the full amount of the payment. Â March 2025 Convertible Notes Â On March 13, 2023, the Company entered into two convertible promissory note purchase agreements pursuant to Regulation S of the Securities Act of 1933, as amended, in the total principal amount of $3,000,000 with the following investors (the â€œMarch 2025 Convertible Notesâ€ or â€œNotesâ€). Â Convertible Note Issued to ASE Test, Inc. (the â€œASE Noteâ€) Â Pursuant to the one of the aforementioned agreements, ASE Test, Inc., a shareholder of Ainos KY, committed to pay a total aggregate amount of $2,000,000 to the Company in exchange for convertible promissory note(s) in three tranches in the amounts of $1,000,000 (the â€œFirst Trancheâ€), $500,000 (the â€œSecond Trancheâ€), and $500,000 (the â€œThird Trancheâ€) conditioned, among other things, on the Company achieving certain business milestones. As of September 30, 2024, the Company received the full amount of the payment. Â Convertible Note Issued to Li-Kuo Lee (the â€œLee Noteâ€) Â The Company issued a convertible note in the principal amount of $1,000,000 to an unrelated party, Li-Kuo Lee, in exchange of $1,000,000 in cash. As of September 30, 2024, the Company received the full amount of the payment. Â The March 2025 Convertible Notes will mature in two years from the issuance dates, bearing interest at the rate of 6% compounded interest per annum. At any time after the issuance and before the maturity date, the Notes are convertible into the common stock of the Company at the conversion price of $7.50 per share, subject to anti-dilutive adjustment as set forth in the Notes. Unless previously converted, the Company shall repay the outstanding principal amount plus all accrued and unpaid interest on the maturity date. The Notes shall be an unsecured general obligation of the Company. Â The total interest expense of convertible notes payable, other notes payable, March 2025 Convertible Notes and May 2027 Convertible Notes and Warrant Purchase Agreement for the three and nine months ended September 30, 2024 were $185,078 and $349,292, respectively, compared with $41,227 and $86,151 for the same period in year 2023. As of September 30, 2024 and December 31, 2023, the unpaid accrued interest expense was $484,635 and $138,939, respectively. Â 13 Â Â Senior Secured Convertible Notes Payable Â On September 25, 2023, the Company entered into a securities purchase agreement (the â€œSPAâ€) with Lind Global Fund II LP (the â€œLindâ€). The SPA provides for loans in an aggregate principal amount of up to $10,000,000 under various tranches to fund clinical trials, commercial product launch and working capital of the Company. The Lind Note does not bear any interest and matures on March 28, 2025. Â In 2023, the Company issued and sold to Lind, in a private placement, (a) a senior secured convertible promissory note in the aggregate principal amount of $3,540,000 (the â€œLind Noteâ€) and (b) warrants to purchase 691,244 shares of common stock at an exercise price of $4.50 per share of common stock (the â€œLind Warrantâ€) for a cash amount of $3,000,000. As of September 30, 2024, the Company received the full amount of the funding. Â Subject to the satisfaction of certain conditions, the Company has the right to request additional tranches of funding from Lind in the aggregate amount not to exceed $7.0 million (the â€œIncreased Funding Amountâ€). Lind will receive additional warrants to purchase a number of shares of common stock based on a formula set forth in the Securities Purchase Agreement. Such warrants will expire after five years from the date of issuance and may be exercised on a cashless basis. Â On January 23, 2024, the Company received an Increased Funding Amount of up to $1.75 million, with $875,000 funded at closing and $875,000 to be funded subject to an effective registration statement and other conditions specified in the Securities Purchase Agreement, and amended the Initial Note to, among other amendments, increase the principal amount to $4,235,000 (the Initial Note as so amended, the â€œNoteâ€). In connection with additional funding, the Company issued Lind a warrant to purchase 1,021,400 shares at an exercise price of $2.16 per share (the â€œSecond Lind Warrants and together with the First Lind Warrants, the â€œLind Warrantsâ€). Â Following the earlier to occur of (i) 90 days from the date of the SPA or (ii) the date the resale Registration Statement is declared effective by the SEC, the Lind Note is convertible into shares of the Companyâ€™s common stock at the option of Lind at any time with the conversion price at lower of $7.50 per share, subject to adjustment, or 90% of the average of the three lowest daily VWAP of the common stock during the 20 trading days prior to conversion, subject to certain adjustments. Â On August 2, 2024, the Company retired its remaining senior secured convertible debt (the â€œNoteâ€) with Lind Global Fund II LP, an institutional investment fund managed by The Lind Partners (together the â€œInvestorâ€), as a result of conversions by the Investor and payments by the Company, which aggregates at a total of approximately US$1.67 million. The prepayment was made with $1,439,754 in cash and $224,842 through the issuance of 382,384 shares of Common Stock, valued at $0.588 per share. From an accounting perspective, the Lind Note is considered a debt host instrument embedded with an issuerâ€™s call and investorâ€™s contingent puts, and is issued at substantial discount. The Company elects the fair value option (the â€œFVOâ€) to account for the Lind Note at fair value and mark to market each quarter. For the three and nine months ended September 30, 2024, the change in the fair value of the Lind Note was recorded in the Statements of Operations in the amount of $177,212 and $275,624 respectively. No portion of the change in fair value was related to changes in credit risk of the Company which would be charged to other comprehensive loss if any. The Company has granted to Lind a senior security interest in all of the Companyâ€™s right, title, and interest in, to and under all of the Companyâ€™s property, subject to certain exceptions as set forth in the SPA. The issuance cost including a commitment fee charged by Lind, placement agent fee and warrants, and legal fees is $308,336, which is expensed off due to FVO election. Â 14 Â Â 6. Stockholdersâ€™ Equity Â Preferred Stock Â The Company increased authorized shares of preferred stock from 10,000,000 shares to 50,000,000 shares upon the filing of an amendment to the Companyâ€™s Certificate of Formation with the Secretary of State of Texas on November 27, 2023. No shares of preferred stock were issued and outstanding as of September 30, 2024 and December 31, 2023. Â Common Stock Â During the three months ended September 30, 2024, the Company issued an additional 656,732 shares of common stock as a result of delivering conversion of the Lindâ€™s Note, 268,028 shares of common stock to settle vested RSUs, and 5,500,000 shares of common stock in patent licenses agreement. As of September 30, 2024, there were 13,813,434 shares of common stock legally issued and outstanding. Â Warrants Â As of September 30, 2024 and December 31, 2023, warrants issued and outstanding in connection with financing are summarized as below: Â Schedule of Warrants Issued and Outstanding Â Â September 30,Â Â December 31,Â (In number of shares)Â 2024Â Â 2023Â ASE Warrant with exercise price $4.5Â Â 500,000Â Â Â -Â Lind Warrant with exercise price from $2.16 to $4.50Â Â 1,201,944Â Â Â 691,244Â Public warrant with exercise price of $21.25Â Â 179,400Â Â Â 179,400Â Representativeâ€™s warrant with exercise price of $23.375Â Â 7,800Â Â Â 7,800Â Placement agent warrant with exercise price of $8.25Â Â 20,666Â Â Â 16,000Â TotalÂ Â 1,909,810Â Â Â 894,444Â Â As mentioned in Note 5, in connection with Convertible Note and Warrant Purchase Agreement with the ASE, the Company issued warrants to ASE for purchase of up to 500,000 shares of Common Stock at a price per share of $4.50, exercisable until May 3, 2029. Â As discussed in Note 5, the Company issued the Lind Warrants on September 28, 2023 in connection with the private placement of the Lind Note. The Company further issued 20,666 shares of warrants with an exercise price of $8.25 per share to the placement agent as the agent fee. Each warrant has a contractual term of 5 years and can be exercised for the purchase of one share of common stock of the Company. The carrying amount of the Lind Warrant is nil after allocating proceeds to the Lind Note measured at fair value. The fair value of the placement agent warrant is estimated as $21,479 using the Black-Scholes Model. Â As disclosed in Note 1, the Company issued public warrants together with common stock in connection with its underwritten public offering effective August 8, 2022. The Company further issued private warrants to Maxim Group LLC, as representative of the underwriter pursuant to an underwriting agreement. Each warrant has a contractual term of 5 years, expiring on August 8, 2027, and can be exercised for the purchase of one share of common stock of the Company. Â The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the instrumentsâ€™ specific terms and applicable authoritative guidance in ASC 480, Distinguishing Liabilities from Equity (the â€œASC480), and ASC 815, Derivatives and Hedging (the â€œASC 815â€). The assessment considers whether the instruments are free standing financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and whether the instruments meet all of the requirements for equity classification under ASC 815, including whether the instruments are indexed to the Companyâ€™s own common shares and whether the instrument holders could potentially require â€œnet cash settlementâ€ in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent period end date while the instruments are outstanding. Management has concluded that the warrants issued in connection with the underwritten public offering and the private placement of Lind Note qualify for equity accounting treatment and are recorded as additional paid-in capital. Â 15 Â Â In addition, the warrant issued by the Company to i2China in 2020 in exchange for consulting services is accounted for under ASC 718, Compensation â€“ Stock Compensation (see Note 8). Â As of September 30, 2024, none of the warrants have been exercised nor have expired. Â 7. Revenue Â Revenue is recognized upon shipment of products based upon contractually stated pricing at standard payment terms within 30 to 60 days. The revenue generated by product sales is recognized at point in time. Â The Company generated revenue from sales of COVID-19 Antigen Rapid Test Kits in the Taiwan market for the three and nine months ended September 30, 2023. There was no revenue recognized from performance obligation satisfied or partially satisfied in prior periods, nor were there any unsatisfied performance obligations related to the sales of COVID-19 Test Kits as of September 30, 2024 and December 31, 2023. Â The Company generated revenue from sales of VELDONA Pet cytoprotein supplements in the Taiwan market through on-line platforms that were recognized after the expiration of right of return which was offered for a limited time. Revenue from sales through off-line distribution channels was recognized

based on the amount of consideration that we expected to receive, reduced by estimates for return allowances, promotional discounts, and fees. Nil of contract liabilities was recorded for the cash received in advance from distribution channels as of September 30, 2024. Â Return Allowances Â Return allowances, which reduce revenue and cost of sales, are estimated using historical experience. Liabilities for return allowances are included in â€œAccrued expenses and others current liabilitiesâ€. Â Variable consideration Â We record revenue from customers in an amount that reflects the transaction price we expect to be entitled to after transferring control of those goods. From time to time, we offer product sales promotions such as discounts. Variable consideration is estimated at contract inception only to the extent that it is probable that a significant reversal of revenue will not occur. Â 8. Share-Based Compensation Â 2023 Stock Incentive Plan Â The Company effectuated an amendment to its 2021 Stock Incentive Plan, now restated as the Company 2023 Stock Incentive Plan (the â€œ2023 SIPâ€ or â€œPlanâ€) which includes, among other things, a change in the number of reserved shares under the Plan. Under the 2023 SIP, subject to a change in capital structure or a change in control, the aggregate number of shares which may be issued or transferred pursuant to awards under the Plan will be equal to up to twenty percent (20%) of shares of outstanding common stock of the Company existing as of December 31st of the previous calendar year (the â€œPlan Share Reserveâ€). Upon the effectiveness of the 2023 SIP on June 14, 2023, the aggregate number of shares which may be issued pursuant to awards under the Plan is 871,075 shares of common stock, including shares that remained available for grant under the 2021 Stock Incentive Plan. On July 19, 2024, the Company filed Form S-8 to increase the aggregate number of shares may be issued to 946,432 shares of common stock including shares that remained available for grant under the 2021 Stock Incentive Plan. As of September 30, 2024, 1,816,632 shares have been granted under the 2023 SIP. Â 16 Â Â 2021 Stock Incentive Plan Â On September 28, 2021, the Companyâ€™s board of directors, and on May 16, 2022, its shareholders approved the 2021 Stock Incentive Plan (the â€œ2021 SIPâ€). During the period from January 1, 2023 up to the date that the prior plan was superseded by the 2023 SIP, no shares were granted under the 2021 SIP. Â 2021 Employee Stock Purchase Plan Â On September 28, 2021, the Companyâ€™s board of directors, and on May 16, 2022, its shareholders approved the 2021 Employee Stock Purchase Plan (the â€œ2021 ESPPâ€). As of September 30, 2024, no shares were issued under the 2021 ESPP. Â Restricted Stock Units (â€œRSUsâ€) Â RSUs entitle the recipient to be paid out an equal number of common stock shares upon vesting. The fair value of RSUs is based on market price of the underlying stock on the date of grant. A summary of the Companyâ€™s RSUs activity and related information for the three and nine months ended September 30, 2024 and for the three and nine months ended September 30, 2023 were as follows: Â Schedule of Restricted Stock Units Â Â 2024Â Â 2023Â Â Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Unvested balance at January 1Â Â 954,306Â Â $4.39Â Â Â 160,000Â Â $12.08Â RSUs grantedÂ Â -Â Â $-Â Â Â -Â Â $-Â RSUs vestedÂ Â (133,964)Â $5.74Â Â Â (5,866)Â $55.50Â RSUs forfeitedÂ Â (5,950)Â $3.46Â Â Â (7,600)Â $7.15Â Unvested balance at March 31Â Â 814,392Â Â $4.18Â Â Â 146,534Â Â $10.60Â RSUs grantedÂ Â -Â Â Â -Â Â Â -Â Â Â -Â RSUs vestedÂ Â -Â Â Â -Â Â Â (20,220)Â $6.69Â RSUs forfeitedÂ Â (4,410)Â $4.16Â Â Â (6,970)Â $6.38Â Unvested balance at June 30Â Â 809,982Â Â $4.18Â Â Â 119,344Â Â $11.51Â RSUs grantedÂ Â 946,432Â Â $0.53Â Â Â 870,200Â Â $3.46Â RSUs vestedÂ Â (268,028)Â $1.91Â Â Â -Â Â Â -Â RSUs forfeitedÂ Â (8,400)Â $3.46Â Â Â (8,220)Â $3.92Â Unvested balance at September 30Â Â 1,479,986Â Â $2.26Â Â Â 981,324Â Â $4.43Â Â Stock Options and Warrants Â During the three and nine months ended September 30, 2024 and 2023, no shares were granted, forfeited, expired or exercised. As of September 30, 2024, there were 7,332 shares in the form of stock options and 6,034 shares in the form of warrants outstanding are all vested and exercisable.Â Share-Based Compensation Expense Â Shared-based compensation expense for the three and nine months ended September 30, 2024 ware $470,791 and $1,318,868, respectively, compared to the three and nine months ended September 30, 2023 amount of $324,842 and $682,833, respectively. Â As of September 30, 2024, the total unrecognized compensation cost related to outstanding RSUs, stock options and warrants was $2,461,580, which the Company expects to recognize over a weighted-average period of 1.86 years. Â 17 Â Â 9. Income Taxes Â The Company did not record a federal, state, or foreign income tax provision or benefit for the three and nine months ended September 30, 2024 and 2023 due to the expected loss before income taxes to be incurred for the years ended December 31, 2024 and 2023, as well as the Companyâ€™s continued maintenance of a full valuation allowance against its net deferred tax assets due to its historical deficit. Â 10. Net Loss per Common Share Â The following table sets forth the computation of the basic and diluted net loss per share attributable to common stockholders: Â Schedule of Basic and Diluted Net Loss Per Share Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Net loss attributable to common stockholders, basic and dilutedÂ $(3,699,317)Â $(2,975,846)Â $(10,209,149)Â $(7,846,048) Weighted-average number of shares used in computing net loss per share attributable to common stockholders, basic and dilutedÂ Â 11,279,220Â Â Â 4,058,413Â Â Â 7,868,997Â Â Â 4,026,756Â Net loss per share attributable to common stockholders, basic and dilutedÂ $(0.33)Â $(0.73)Â $(1.30)Â $(1.95) Â The following potentially dilutive securities have been excluded from the computations of diluted weighted average shares outstanding because they would be anti-dilutive: Â Schedule of Computations of Diluted Weighted Average Shares Outstanding Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Option and RSUs to purchase common stockÂ Â 1,487,318Â Â Â 988,656Â Â Â 1,487,318Â Â Â 988,656Â Warrants to purchase to common stockÂ Â 1,915,844Â Â Â 664,730Â Â Â 1,915,844Â Â Â 664,730Â Convertible note to purchase common stockÂ Â 2,480,565Â Â Â 1,329,709Â Â Â 2,480,565Â Â Â 1,329,709Â Total potential sharesÂ Â 5,883,727Â Â Â 2,983,095Â Â Â 5,883,727Â Â Â 2,983,095Â Â 11. Related Party Transactions Â The following is a summary of related party transactions that met our disclosure threshold: Â Working Capital Advances Â The proceeds of the KY Note and ASE Note (see Note 5) were used for working capital advances. The total interest expense incurred in related to the notes for the three and nine months ended September 30, 2024 were $168,950 and $301,805, respectively, compared to $26,103 and $52,944, for the three and nine months ended September 30, 2023, respectively. As of September 30, 2024 and December 31, 2023, unpaid accrued interest expenses were $389,437 and $87,632, respectively. Â Purchase and Sales Â Ainos COVID-19 Test Kits Sales and Marketing Agreement with Ainos KY Â On June 14, 2021, the Company entered into an exclusive agreement with Ainos KY to serve as the master sales and marketing agent for the Ainos COVID-19 Antigen Rapid Test Kit and COVID-19 Nucleic Acid Test Kit which were developed and manufactured by Taiwan Carbon Nano Technology Corporation (the â€œTCNTâ€), a controlling shareholder of Ainos KY (the â€œSales and Marketing Agreementâ€). On June 7, 2021, the Taiwan Food and Drug Administration (the â€œTFDAâ€) approved emergency use authorization (the â€œEUAâ€) to TCNT for the Ainos COVID-19 Antigen Rapid Test Kit sold and marketed under the â€œAinosâ€ brand in Taiwan. On June 21, 2022, the Company began marketing the Ainos SARS-CoV-2 Antigen Rapid Self-Test (together with Ainos COVID-19 Antigen Rapid Test Kit, the â€œCOVID-19 Antigen Rapid Test Kitsâ€) under a separate EUA issued by the TFDA to TCNT on June 13, 2022. Â 18 Â Â The Company incurred costs associated with manufacturing COVID-19 Antigen Rapid Test Kits by TCNT pursuant to the Sales and Marketing Agreement, totaling nil for the three and nine months ended September 30, 2024 compared with the amount for the three and nine months ended September 30, 2023 of nil and $46,635 respectively. Â Manufacturing Service Agreement with TNCT for the VELDONA Pet cytoprotein supplements Â On August 28, 2023, the Company entered into a manufacturing service agreement with TCNT, together with another third-party vendor, to manufacture pet supplement products. The Company incurred costs totaling $39,523 for the three and nine months ended September 30, 2023 and nil for the three and nine months ended September 30, 2024. Â As of September 30, 2024 and December 31, 2023, the accounts payable to TCNT were nil and $323, respectively; and prepayment for COVID-19 Antigen Rapid Test Kits were $16,785 and $27,208, respectively. Â COVID-19 Antigen Rapid Test Kits Sales Â The Company sold COVID-19 Antigen Rapid Test Kits to affiliates of ASE Test Inc., totaling nil for the three and nine months ended September 30, 2024 compared with the three and nine months ended September 30, 2023 amount of $21,224 and $33,765, respectively. As of September 30, 2024, and December 31, 2023, the accounts receivable to aforementioned related parties were nil, respectively. Â Product Co-development Agreement Â Pursuant to a five-year Product Co-development Agreement effective on August 1, 2021 (the â€œProduct Co-Development Agreementâ€) with TCNT, the development expenses incurred were $98,823 and $290,661 for the three and nine months ended September 30,2024, respectively, compared to $135,606 and $287,802 for the three and nine months ended September 30, 2023, respectively. Â As part of the Addendum Agreement entered on July 8, 2024, TCNT provided non-exclusive use of certain patents related to VOC and POCT technologies for a monthly fee of $95,000 (plus 5% indirect tax), with negotiable payment terms for extend another three months from July 2024 to September 2024. The fee for non-exclusive use of patents were $286,675 and $856,537 for the three and nine months ended September 30, 2024 and nil for the three and nine months ended September 30, 2023, respectively. Advance payment $33,830 and $ 26,511 as of September 30, 2024 and December 31, 2023, respectively. Â Patent license agreement Â On August 6, 2024, the Company entered into a patent license agreement (the â€œLicense Agreementâ€) with TCNT, as an effort to bolster the Companyâ€™s AI Nose and point-of-care testing (POCT) technologies while preserving cash. As of August 5, 2024, prior to TCNT entering into the License Agreement, TCNT controlled, via its majority interest in Ainos Inc., a Cayman Islands corporation (â€œAinos KYâ€) which is a party to certain previously disclosed Voting Agreements, approximately 38% of the voting power of the Company. Pursuant to the License Agreement, TCNT has agreed to assign and grant, and the Company has agreed to accept, an exclusive, irrevocable, and perpetual license of certain invention patents and patent applications related to gas sensors and medical devices (the â€œLicensed Patentsâ€), in exchange for 5,500,000 shares of the Companyâ€™s common stock (the â€œCommon Stockâ€), at a price per share of 1.05 times the highest closing sale price of the Common Stock during the 30-trading day period preceding the effective date of the License Agreement. The License Agreement shall remain in effect until terminated by mutual written agreement of the parties, or until the expiration of the Licensed Patents, or all claims for alleged infringement of the Licensed Patents are barred by applicable laws. Following the issuance of the 5.5 million shares of stock, TCNT controls the company through its majority interest in Ainos KY, and its direct ownership in the Company. Ainos KY is a shareholder of the Company and a party to certain previously disclosed Voting Agreements, and controls approximately 62.8% of the Companyâ€™s voting power as of November 6, 2024. 19 Â Â Miscellaneous Â The Company engaged Ms. Chien-Hsuan Huang as a medical device development consultant in September 2022 for one year. Ms. Huang is the spouse of one of the board of directors of the Company. The R&D expense was nil for the three and nine months ended September 30, 2024 and $12,377 and $51,721 for the three and nine months ended September 30, 2023, respectively. Â 12. Commitments and Contingencies Â The Company operates in an industry characterized by extensive patent litigation. Competitors may claim that the Companyâ€™s products infringe upon their intellectual property. Resolution of patent litigation or other intellectual property claims is typically time consuming and costly and can result in significant damage awards and injunctions that could prevent the manufacture and sale of the affected products or require the Company to make significant royalty payments in order to continue selling the affected products. As of September 30, 2024, there were no such commitments or contingencies. Â The company record for the cash received in advance $110,142 as contract liabilities from distribution channels, the company will expect to realize the revenue in the near future, however, there can be adjusted due to the companyâ€™s strategy. Â 13. Subsequent Events Â Related Party Transaction Â Extend agreements Â As part of the Addendum Agreement entered into on October 16, 2024 as disclosed in Note 11, TCNT will provide exclusive use of certain patents related to VOC, POCT and nitrogen-oxygen separation machine technologies for a monthly fee of $50,000 (plus 5% indirect tax) for twelve months from October 16, 2024, with negotiable payment terms. Â Repayment of note payable (the â€œKY Noteâ€) Â On October 7, 2024, the company has repaid the remaining note payable principal amount of $270,000 with accrued interest to Ainos KY, the controlling shareholder of the Company. Â 20 Â Â ITEM 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations Â The unaudited condensed financial statements and this Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations should be read in conjunction with the financial statements and notes thereto for the year ended December 31, 2023 and the related Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations, both of which are contained in our Form 10-K for the period ended December 31, 2023 (the â€œ2023 Annual Reportâ€). In addition to historical information, this discussion and analysis contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These forward-looking statements are subject to risks and uncertainties, including those set forth under â€œPart I. Item 1A. Risk Factorsâ€ in our 2023 Annual Report, â€œPart II. Item 1A. Risk Factorsâ€ in this Quarterly Report, and elsewhere in this Quarterly Report, that could cause actual results to differ materially from historical results or anticipated results. Â When used in this Quarterly Report, all references to â€œAinos,â€ the â€œCompany,â€ â€œwe,â€ â€œourâ€ and â€œusâ€ refer to Ainos, Inc. Â Overview Â Ainos, Inc. (the â€œCompanyâ€), incorporated in the State of Texas in 1984, is a diversified healthcare company focused on the development of novel point-of-care testing (the â€œPOCTâ€), therapeutics based on very low-dose interferon alpha (the â€œVELDONAâ€), and synthetic RNA-driven preventative medicine. Our product pipeline includes commercial-stage VELDONA Pet cytoprotein supplements, clinical-stage VELDONA human and animal therapeutics and telehealth-friendly POCTs powered by the AI Nose technology platform. Â We have historically involved in the research and development of therapeutics based on VELDONA. Building on our research and development on VELDONA since inception, we are focused on commercializing a suite of VELDONA-based product candidates. Currently our priority VELDONA pipeline includes drug candidates for treating oral warts for human immunodeficiency virus (HIV) seropositive patients, SjÃ¶grenâ€™s syndrome, and feline chronic gingivostomatitis (FCGS), a cat oral infection. Â In 2021 and 2022, we acquired certain types of intellectual property from controlling shareholder, Ainos Inc., a Cayman Island corporation (â€œAinos KYâ€), to expand product portfolio into POCTs aimed to provide connected, rapid, and convenient testing for a broad range of health conditions. Pivoting from the sales of COVID-19 POCT, we aim to commercialize POCTs that detect volatile organic compounds (the â€œVOCâ€) emitted by the body, powered by our AI Nose technology platform. Our AI Nose technology platform implements digital nose sensors and our proprietary algorithm to analyze and digitally profile VOCs emitted by the body. Our lead VOC POCT candidate, Ainos Flora, aims to test female vaginal health and certain common sexually transmitted infections (the â€œSTIsâ€) quickly and easily. We believe AI Nose has additional opportunities in telehealth, automotive, industrial, and environmental safety applications. To address these additional opportunities, we are codeveloping a VOC POCT solution for the elderly care market. We are also codeveloping a VOC sensing solution to address the industrial market, as our first move to expand the application of AI Nose beyond healthcare. Our vision is to leverage digital nose sensors and our proprietary VOC sensing AI algorithm, to digitize smell and ultimately become AIâ€™s nose. Our Pipeline Â An integral part of our operating strategy is to create multiple revenue streams through sales of commercially ready products, out-licensing or forming strategic relationships to develop and commercialize our products. As of September 30, 2024, we have commercialized the following products: Â Â â— COVID-19 Antigen Rapid Test Kit. As the first commercialized products we sell, we have marketed COVID-19 antigen rapid test kits in Taiwan under emergency use authorization (â€œEUAâ€) issued by the Taiwan Federal and Drug Administration (â€œTFDAâ€) to TCNT, the product manufacturer. We have pivoted away from this business and have ceased selling the product since the first quarter of 2024. Â Â Â Â â— VELDONA Pet. VELDONA Pet is cytoprotein supplement formulated to address a variety of health issues in dogs and cats, including skin, gum, emotion, discomfort caused by allergies, eye, and weight-related issues. We currently market VELDONA Pet in Taiwan. Â From time to time, we assess our development plan based on available resources and market dynamics. As of September 30, 2024, our current pipeline of the products, which are under development, includes the following: Â Â â— VELDONA human and animal drugs. Our human drug pipeline include oral warts for HIV seropositive patients, SjÃ¶grenâ€™s syndrome common cold, and influenza We have conducted Phase 2 studies for these programs. Within the human drug pipeline, we are prioritizing HIV oral warts and SjÃ¶grenâ€™s syndrome. As of the third quarter of 2024, we are in the process of initiating clinical studies for HIV oral warts and SjÃ¶grenâ€™s syndrome in Taiwan. The United States Food and Drug Administration (the â€œU.S. FDAâ€) have granted orphan drug designation for our VELDONA formulation as a potential treatment for oral warts in HIV-seropositive patients. In the second quarter of 2024 we announced a plan to initiate a clinical study for feline chronic gingivostomatitis (FCGS), a cat oral disease, as an effort to explore VELDONAâ€™s opportunity as an animal drug. We enrolled our first subject for FCGS during the third quarter of 2024. Â 21 Â Â Â â— VOC POCT â€“ Ainos Flora. Ainos Flora, powered by AI Nose, is intended to perform a non-invasive test for female vaginal health and certain common STIs within a few minutes. A companion app is also being developed that aims to enable users to conveniently manage test results. We believe Ainos Flora can provide connected, convenient, discreet, rapid testing in a point-of-care setting. We are conducting clinical study in Taiwan and exploring strategic opportunities to commercialize the product. To further optimize the product for at-home testing, we are developing a next generation Ainos Flora device that implements compute unified device architecture (CUDA), a parallel computing platform for accelerated computing on graphical processing units. Â Â Â Â â— VOC platform â€“ NISD co-development. We are co-developing a VOC sensing platform with Nisshinbo Micro Devices Inc. (â€œNISDâ€) and Taiwan Inabata Sangyo Co. (â€œTaiwan Inabataâ€). The platform under development is intended to be used in applications including telehealth, automotive, industrial, and environmental safety. We are developing a VOC POCT solution for the elderly market and a solution for sensing VOCs in the industrial market. Â Â Â Â â— VOC POCT â€“ Ainos Pen. The device is intended to be a cloud-connected, multi-purpose, portable breath analyzer that is intended to monitor health conditions within minutes, powered by AI Nose. We expect consumers to be empowered to share test results with their physicians through in-person and telehealth medical consultations. Â Â

Â Â â— VOC POCT â€“ CHS430. The CHS430 device, powered by AI Nose, is intended to provide non-invasive testing for ventilator-associated pneumonia within few minutes, as compared to current standard of care invasive culture tests that typically take more than two days to provide results. Â Â Â Â â— Synthetic RNA (â€œSRNAâ€). We plan develop a SRNA technology platform in Taiwan with a long-term goal of developing next-generating precision treatments and rapid tests. Â An integral part of our operating strategy is to create multiple revenue streams through commercializing our product portfolio and leveraging our intellectual property patents. Our near-term development plans encompass advancing our flagship VOC POCT candidate, Ainos Flora, and our co-development programs. At the same time, we will advance clinical studies and actively pursue the out-licensing of VELDONA human drug candidates. Â We continue to strengthen our intellectual properties. During the third quarter of 2024, we have licensed additional patents from Taiwan Carbon Nano Technology Corporation (TCNT), our shareholder and product developer, as an effort to bolster our AI Nose and POCT technologies. For VELDONA, we secured a Taiwan invention patent titled â€œMETHOD AND COMPOSITION OF TREATMENT OR PREVENTION OF CORONAVIRUS INFECTIONâ€ and we have filed for global patent protection under the Patent Cooperation Treaty (PCT) for this patent. Â As of September 30, 2024, we had available cash and cash equivalents of $5,156,606. We anticipate business revenues and further potential financial support from external sources to fund our operations over the next twelve months. We have based this estimate on assumptions that may prove to be incorrect, and we could exhaust our available capital resources sooner than we expect. See â€œLiquidity and Capital Resourcesâ€ for additional information. To finance our continuing operations, we will need to raise additional capital, which cannot be assured. Â Our operating revenue previously came from the sale of COVID-19 test kits in Taiwan under emergency use authorization, since the expiration of EUA to TCNT, the company ceased the sale of the Ainos COVID-19 antigen rapid test kits in first quarter of 2024. The company began to generate sales revenue from VELDONA Pet in the third quarter of 2023. In Taiwan, we are primarily marketing VELDONA Pet on certain e-commerce platforms. Â We believe that post COVID-19, consumers have become increasingly familiar with at-home tests. Moving forward, people may seek additional at-home tests to manage other infections as quickly as possible. Home self-testing has become increasingly available for other infections such as vaginal infections or STIs. We believe this new user behavior, supported by a variety of telehealth platforms, will facilitate consumer adoption of our other POCT product candidates. Â 22 Â Â Results of Operations for Quarter Ended September 30, 2024 (â€œQ3 2024â€) and September 30, 2023 (â€œQ3 2023â€): Â Â Â Three months ended September 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â AmountÂ Â %Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â RevenuesÂ $-Â Â $24,489Â Â $(24,489)Â Â (100)% Cost of revenuesÂ Â (547)Â Â (87,873)Â Â 87,326Â Â Â (99)% Gross lossÂ Â (547)Â Â (63,384)Â Â 62,837Â Â Â (99)% Operating expenses:Â Research and development expensesÂ Â 2,022,244Â Â Â 1,710,265Â Â Â 311,979Â Â Â 18% Selling, general and administrative expensesÂ Â 1,015,758Â Â Â 902,017Â Â Â 113,741Â Â Â 13% Total operating expensesÂ Â 3,038,002Â Â Â 2,612,282Â Â Â 425,720Â Â Â 16% Loss from operationsÂ Â (3,038,549)Â Â (2,675,666)Â Â (362,883)Â Â 14% Â Non-operating (expenses) income, net:Â Interest expenseÂ Â (264,642)Â Â (44,267)Â Â (220,375)Â Â 498% Issuance cost of senior secured convertible note measured at fair valueÂ Â (169,344)Â Â (260,967)Â Â 91,623Â Â Â (35)% Fair value change for senior secured convertible noteÂ Â (177,212)Â Â -Â Â Â (177,212)Â Â -% Other (expense) income, netÂ Â (49,570)Â Â 5,054Â Â Â (54,624)Â Â (1,081)% Total non-operating expenses, netÂ Â (660,768)Â Â (300,180)Â Â (360,588)Â Â 120% Â Net loss before income taxesÂ Â (3,699,317)Â Â (2,975,846)Â Â (723,471)Â Â 24% Provision for income taxesÂ Â -Â Â Â -Â Â Â -Â Â Â Â Â Net lossÂ $(3,699,317)Â $(2,975,846)Â $(723,471)Â Â 24% Â Revenues, Cost and Gross Loss Â The Company reported nil and $24,489 in revenue in Q3 2024 and Q3 2023, respectively, from product sales of VELDONA pet cytoprotein supplements and Ainos COVID-19 Antigen Rapid Test Kits in Taiwan respectively. The Company launched its VELDONA pet cytoprotein supplement products in the third quarter of 2023; due to the expiration of EUA, the company ceased the sale of the Ainos COVID-19 antigen rapid test kits in the first quarter of 2024. Sales volume in 2024 Q3 was offset by the sales returns. Â The cost of revenue related to product sales in Q3 2024 was $547 compared to $87,873 in Q3 2023. The decrease in cost of revenue was due to the decrease in sales volume. Â The share-based compensation expense and the depreciation expense for manufacturing in Q3 2024 and Q3 2023 were nil and $21,715, respectively. When excluding these non-cash cost, cost of revenue was $547 in Q3 2024 compared to $66,158 in Q3 2023. Â Gross loss from product sales in Q3 2024 was $547 as compared to $63,384 gross loss from product sales in Q3 2023. The decrease in gross loss was due to low sales volume for newly launched products, and a reduced cost of revenue. Â When excluding these non-cash costs, gross loss decreased to $547 in Q3 2024 compared to $41,669 gross loss in Q3 2023. Â Research and Development (R&D) Expenses Â R&D expenses in Q3 2024 and Q3 2023 were $2,022,244 and $1,710,265, respectively. The increase of $311,979 (18%) was due to increased expenses associated with co-research for technology and product, as well as staffing expenditures (including share-based compensation), which were offset by a decrease in professional expense. We expect that our R&D expenses related to clinical trials will continue to grow as we further develop VOC POCT and VELDONA drug candidates and increase the pace of clinical trials previously delayed during the COVID-19 pandemic. Â 23 Â Â The share-based compensation expense and the depreciation and amortization expense in Q3 2024 and Q3 2023 were $1,305,461 and $1,263,665, respectively. Excluding these non-cash expenses, R&D expenses increased to $716,783 in Q3 2024 from $446,600 in Q3 2023. Â Selling, General and Administrative (SG&A) Expenses Â SG&A expenses were $1,015,758 and $902,017 in Q3 2024 and Q3 2023, respectively, reflecting an increase of $113,741 (13%) due to a significant increase in staffing expenditures (including share-based compensation) and professional expenses and Nasdaq and SEC filing fees, which were offset by a decrease in public relations and investor relations fees and D&O insurance expenses. RSUs granted to officers and employees of the Company require a service period of 3 years and therefore, the total amount of the compensation expense was amortized over the service period. Â The share-based compensation expense and the depreciation and amortization expense in Q3 2024 and Q3 2023 were $377,020 and $269,934, respectively. Excluding these non-cash expenses, SG&A expenses mildly increased to $638,738 in Q3 2024 compared to $632,083 in Q3 2023. Â Operating Loss Â The Companyâ€™s operating loss was $3,038,549 and $2,675,666 in Q3 2024 and Q3 2023, respectively, reflecting a $362,883 (14%) increase in operating loss between the reporting periods. We incurred a gross loss in product sales. We continued to invest resources to execute our growth strategy and product roadmap to improve our profitability. Â Interest Expense Â In Q3 2024, interest expense was $264,642 compared to $44,267 in Q3 2023. The increase in interest expense was due to accrued interest for convertible notes issued in May 2024. Â Net Loss Â Net loss was $3,699,317 in Q3 2024 compared to $2,975,846 in Q3 2023, resulting in a $723,471 (24%) increase in net loss attributable to our shareholders of common stock. The net loss was due to an expanding operating expense. We continued to invest resources to execute our growth strategy and product roadmap to improve our profitability. Â Results of Operations for Nine Months Ended September 30, 2024 (â€œfirst nine months 2024â€) and September 30, 2023 (â€œfirst nine months 2023â€): Â Â Â Nine months ended September 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â AmountÂ Â %Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â RevenuesÂ $20,729Â Â $102,208Â Â $(81,479)Â Â (80)% Cost of revenuesÂ Â (52,674)Â Â (244,538)Â Â 191,864Â Â Â (78)% Gross lossÂ Â (31,945)Â Â (142,330)Â Â 110,385Â Â Â (78)% Operating expenses:Â Research and development expensesÂ Â 6,085,648Â Â Â 5,080,335Â Â Â 1,005,313Â Â Â 20% Selling, general and administrative expensesÂ Â 3,090,056Â Â Â 2,282,631Â Â Â 807,425Â Â Â 35% Total operating expensesÂ Â 9,175,704Â Â Â 7,362,966Â Â Â 1,812,738Â Â Â 25% Loss from operationsÂ Â (9,207,649)Â Â (7,505,296)Â Â (1,702,353)Â Â 23% Â Non-operating (expenses) income, net:Â Interest expenseÂ Â (432,097)Â Â (93,852)Â Â (338,245)Â Â 360% Issuance cost of senior secured convertible note measured at fair valueÂ Â (308,336)Â Â (260,967)Â Â (47,369)Â Â 18% Fair value change for senior secured convertible noteÂ Â (275,624)Â Â -Â Â Â (275,624)Â Â -% Other income, netÂ Â 14,557Â Â Â 14,067Â Â Â 490Â Â Â 3% Total non-operating expenses, netÂ Â (1,001,500)Â Â (340,752)Â Â (660,748)Â Â 194% Â Net loss before income taxesÂ Â (10,209,149)Â Â (7,846,048)Â Â (2,363,101)Â Â 30% Provision for income taxesÂ Â -Â Â Â -Â Â Â -Â Â Â Â Â Net lossÂ $(10,209,149)Â $(7,846,048)Â $(2,363,101)Â Â 30% Â 24 Â Â Revenues, Cost and Gross Loss Â The Company reported $20,729 and $102,208 in revenue in first nine months 2024 and first nine months 2023, respectively, from product sales of VELDONA pet cytoprotein supplements and Ainos COVID-19 Antigen Rapid Test Kits in Taiwan respectively. The Company launched its VELDONA pet cytoprotein supplement products in the third quarter of 2023; due to the expiration of EUA, the company ceased the sale of the Ainos COVID-19 antigen rapid test kits in the first quarter of 2024. Â The cost of revenue related to product sales in first nine months 2024 was $52,674 compared to $244,538 in first nine months 2023. The decrease in cost of revenue was due to the decrease in sales volume. Â The share-based compensation expense and the depreciation expense for manufacturing in first nine months 2024 and first nine months 2023 were $9,032 and $70,069, respectively. When excluding these non-cash cost, cost of revenue decreased to $43,642 in first nine months 2024 compared to $174,469 in first nine months 2023. Â Gross loss from product sales in first nine months 2024 was $31,945 as compared to $142,330 gross loss from product sales in first nine months 2023. The decrease in gross loss was due to low sales volume for newly launched products, and a lower cost of revenue. Â When excluding these non-cash costs, gross loss decreased to $22,913 in first nine months 2024 compared to $72,261 gross loss in first nine months 2023. Â Research and Development (R&D) Expenses Â R&D expenses in first nine months 2024 and first nine months 2023 were $6,085,648 and $5,080,335, respectively. The increase of $1,005,313 (20%) was due to increased expenses associated with co-research for technology and product and staffing expenditures (including share-based compensation), which were offset by a decrease in professional expense. We expect that our R&D expenses related to clinical trials will continue to grow as we further develop VOC POCT and VELDONA drug candidates and increase the pace of clinical trials previously delayed during the COVID-19 pandemic. Â The share-based compensation expense and the depreciation and amortization expense in first nine months 2024 and first nine months 2023 were $3,866,581 and $3,669,081, respectively. When excluding these non-cash expenses, R&D expenses increased to $2,219,067 in first nine months 2024 from $1,411,254 in first nine months 2023. Â Selling, General and Administrative (SG&A) Expenses Â SG&A expenses were $3,090,056 and $2,282,631 in first nine months 2024 and first nine months 2023, respectively, reflecting an increase of $807,425 (35%) due to a significant increase in staffing expenditures (including share-based compensation) and professional expenses, which were offset by a decrease in public relations and investor relations fees and D&O insurance expenses. RSUs granted to officers and employees of the Company require a service period of 3 years and therefore, the total amount of the compensation expense was amortized over the service period. Â The share-based compensation expense and the depreciation and amortization expense in first nine months 2024 and first nine months 2023 were $1,053,642 and $597,429, respectively. When excluding these non-cash expenses, SG&A expenses increased to $2,036,414 in first nine months 2024 compared to $1,685,202 in first nine months 2023. Â 25 Â Â Operating Loss Â The Companyâ€™s operating loss was $9,207,649 and $7,505,296 in first nine months 2024 and first nine months 2023, respectively, reflecting a $1,702,353 (23%) increase in operating loss between the reporting periods. We incurred a gross loss in product sales. We continued to invest resources to execute our growth strategy and product roadmap to improve our profitability. Â Interest Expense and Issuance Cost of Convertible Note Â In first nine months 2024, interest expense was $432,097 compared to $93,852 in first nine months 2023. The increase in interest expense was due to accrued interest for convertible notes issued in May 2024. Â On January 23, 2024, the Company received an Increased Funding Amount and incurred an issuance cost including investor and placement agent fees, as well as legal fees. $308,336 of the issuance cost was recognized for the amendment of funding received and closed by the Company. Â Net Loss Â Net loss was $10,209,149 in first nine months 2024 compared to $7,846,048 in first nine months 2023, resulting in a $2,363,101 (30%) increase in net loss attributable to our shareholders of common stock. The net loss was due to an expanding operating expense. We continued to invest resources to execute our growth strategy and product roadmap to improve our profitability. Â Liquidity and Capital Resources Â As of September 30, 2024 and December 31, 2023, the Company had available cash of $5,156,606 and $1,885,628, respectively. Â The following table summarizes our cash flow during the nine months period ended September 30, 2024 and 2023: Â Â Â Nine months ended September 30,Â Â Â 2024Â Â 2023Â Net cash used in operating activitiesÂ Â (4,944,036)Â Â (3,321,754) Net cash used in investing activitiesÂ Â (138,577)Â Â (117,528) Net cash provided by financing activitiesÂ Â 8,295,746Â Â Â 4,023,974Â Â Operating activities: Â Cash used in operating activities increased by $1,622,282 during the first nine months of 2024 compared to the first, nine months of 2023. Our net loss for the first nine months of 2024 increased by $2,363,101 primarily due to increase of operating expenses. The operating cash outflow as a result of changes in operating assets and liabilities was mainly attributable to: Â Â â— Non-cash expenses including share-based compensation, depreciation and amortization, loss on inventory write-downs, issuance cost of secured convertible note, and change in fair value of senior secured convertible note increased approximately by $794,700; Â â— Working capital injected into accounts receivable, inventories and other current assets decreased by approximately $112,500; and Â â— Working capital injected into accrued expenses, operating lease liabilities, contract liabilities and other current and long-term liabilities increased by approximately $58,500. Â 26 Â Â Investing activities Â Cash used for investing activities were $138,577 and $117,528 during the first nine months of 2024 and the first nine months of 2023, respectively. The increase was due to increase in refundable deposits and other noncurrent assets offset by decrease in purchase of property and equipment. Â Financing activities Â Cash provided by financing activities were $8,295,746 and $4,023,974 during the first nine months of 2024 and the first nine months of 2023, respectively. The $4,271,772 increase was primarily reflected by the following: Â Â â— Repayment of convertible notes and other notes payable increased by $795,728; Â â— Proceeds from convertible notes and other notes payable financing increased by $4,875,000; and Â â— Payments of issuance cost of senior secured convertible note measured at fair value decreased by $192,500. Â As disclosed in Note 5 (Convertible Notes Payable and Other Notes Payable), to our accompanying condensed financial statements we received $875,000 in proceeds from the Lind Note transaction in January 2024. Â As disclosed in Note 5 (Convertible Notes Payable and Other Notes Payable), to our accompanying condensed financial statements we received $9,000,000 in proceeds from the ASE Note transaction in May 2024. Â As disclosed in Note 5 (Convertible Notes Payable and Other Notes Payable), to our accompanying condensed financial statements we repaid $1,439,754 in cash to retired senior secured convertible notes from the LIND Note transaction in August 2024. Â As disclosed in Note 5 (Convertible Notes Payable and Other Notes Payable), to our accompanying condensed financial statements we repaid $42,000 to retire the i2China Note transaction in August 2024. Â In the near-term, we expect an increase in the pace of clinical trial spending to advance our VOC POCT and VELDONA drug candidates and expect to invest more in R&D activities. We may also increase our sales and marketing efforts. Â The Company anticipates that cash reserves, business revenues, and potential debt financing through convertible and non-convertible notes will fund the Companyâ€™s operations over the next twelve months. There can be no assurance that we will be successful in our efforts to make the Company profitable. If those efforts are not successful, the Company may raise additional capital through the issuance of equity securities, debt financings or other sources to further implement its business plan. However, if such financing is not available when needed and at adequate levels, the Company will need to reevaluate its operating plan. Â Critical Accounting Policies and Significant Management Estimates Â Our managementâ€™s discussion and analysis of our financial condition and results of operations are based on our unaudited condensed financial statements, which have been prepared in accordance with the accounting principles generally accepted in the United States, or U.S. GAAP. The preparation of these financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses. Â We evaluate our estimates and judgments, including those related to inventory valuation, useful lives of property and equipment, valuation of stock option, warrants and convertible note, and impairment testing of intangible assets, on an ongoing basis. We base our estimates on historical experience and on various other factors that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Â There have been no material changes to our critical accounting policies and estimates as compared to the critical accounting policies and estimates disclosed in â€œManagementâ€™s Discussion and Analysis - Critical Accounting Policies and Significant Management Estimatesâ€ of our 2023 Annual Report, except for those accounting subjects discussed in the Notes, if any, to the unaudited condensed financial statements included in this Quarterly Report on Form 10-Q. Â 27 Â Â ITEM 3. Quantitative and Qualitative Disclosures About Market Risk Â We are a smaller reporting company as defined in Rule 12b-2 of the Exchange Act and are not required to provide the information otherwise required under this Item 3. Â ITEM 4. Controls and Procedures Â Evaluation of Disclosure Controls and Procedures Â Our management, with the participation of our Chief Executive Officer and our Chief Financial Officer, have evaluated our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act. Based on the evaluation of our disclosure controls and procedures, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of September 30, 2024. Â Changes in Internal Control over Financial Reporting Â There were no changes in our internal controls over financial reporting during the period covered by this Quarterly Report that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. Â PART II - OTHER INFORMATION Â ITEM 1. Legal Proceedings Â From time to time, we may become involved in various lawsuits and legal proceedings which arise in the ordinary course of business. Litigation is subject to inherent uncertainties, and an adverse result in these or other matters may arise from time to time that may harm our business. As of the date of this report, we were not aware of any material legal proceedings involving the Company. Â ITEM 1A. Risk Factors Â

This Quarterly Report contains forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those discussed in this Quarterly Report. Factors that could cause or contribute to these differences include, but are not limited to, those discussed below and elsewhere in this Quarterly Report. Â You should carefully consider the risk factors disclosed in our 2023 Annual Report, together with all other information in this Quarterly Report, including our unaudited condensed financial statements and notes thereto, and in our other filings with the Securities and Exchange Commission. If any such risks, including the risk set out below, or other risks not presently known to us or that we currently believe to not be significant, develop into actual events, then our business, financial condition, results of operations or prospects could be materially adversely affected. If that happens, the market price of our common stock could decline, and stockholders may lose all or part of their investment. Â Information on risk factors can be found in Part I, Item 1A (Risk Factors) of our 2023 Annual Report. There have been no material changes from the risk factors previously disclosed in our 2023 Annual Report. Â ITEM 2. Unregistered Sales of Equity Securities, Use of Proceeds and Issuer Purchases of Equity Securities Â Recent Sales of Unregistered Equity Securities Â During the three months ended September 30, 2024, we did not issue any securities that were either (a) unregistered pursuant to the Securities Act or (b) not previously disclosed in a Current Report on Form 8-K. Â 28 Â Â Issuer Purchase of Equity Securities Â Not applicable. Â Use of Proceeds of Registered Securities Â Not applicable. Â ITEM 3. Defaults Upon Senior Securities Â None Â ITEM 4. Mine Safety Disclosures Â Not applicable Â ITEM 5. Other Information Â None Â ITEM 6. Exhibits Â EXHIBIT INDEX Â Â Â Â Â Â FILED Â INCORPORATED BY REFERENCE EXHIBIT NUMBER Â DESCRIPTION Â WITH THIS FORM 10-Q Â FILING DATE WITH SEC Â FORM Â EXH # Â HYPERLINK TO FILINGS 4.1 Â Voting Agreement, dated August 15, 2024, between Ainos, Inc. and Taiwan Carbon Nano Technology Corporation Â Â Â 8/20/2024 Â SC 13D/A Â 1 Â Voting Agreement, dated August 15, 2024, between Ainos, Inc. and Taiwan Carbon Nano Technology Corporation 10.1 Â English Translation of Second Addendum to the Product Development Agreement, dated July 8, 2024 Â Â Â 7/12/2024 Â 8-K Â 10.1 Â Convertible Promissory Note, dated as of May 3, 2024, issued by Ainos, Inc. in favor of ASE Test, Inc. in the principal amount of US$9,000,000. 10.2 Â Patent License Agreement, dated August 6, 2024, by and between Ainos, Inc. and Taiwan Carbon Nano Technology Corporation. Â Â Â 8/9/2024 Â 8-K Â 10.1 Â Patent License Agreement, dated August 6, 2024, by and between Ainos, Inc. and Taiwan Carbon Nano Technology Corporation. 10.3 Â English Translation of Third Addendum to Product Development Agreement, dated October 16, 2024 Â Â Â 10/22/2024 Â 8-K Â 10.1 Â English Translation of Third Addendum to Product Development Agreement, dated October 16, 2024 31.1 Â Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350 Section 302 of the Sarbanes-Oxley Act of 2002 Â x Â Â Â Â Â Â Â Â Â Â Â Â 31.2 Â Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350 Section 302 of the Sarbanes-Oxley Act of 2002 Â x Â Â Â Â Â Â Â Â Â Â Â Â 32.1 Â Certification Of Principal Executive Officer Pursuant To 18 U.S.C. Section 1350, As Adopted Pursuant To Section 906 Of The Sarbanes-Oxley Act Of 2002 Â x Â Â Â Â Â Â Â Â Â Â Â Â 32.2 Â Certification Of Principal Financial Officer Pursuant To 18 U.S.C. Section 1350, As Adopted Pursuant To Section 906 Of The Sarbanes-Oxley Act Of 2002 Â x Â Â Â Â Â Â Â Â Â Â Â Â 100 Â XBRL â€“ Related Documents Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.INS Â XBRL Instance Document â€“ the instance document does not appear in the Interactive Data File because XBRL tags are embedded within the XBRL document. Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.SCH Â XBRL Taxonomy Extension Schema Document Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.CAL Â XBRL Taxonomy Extension Calculation Linkbase Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.DEF Â XBRL Taxonomy Extension Definition Linkbase Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.LAB Â XBRL Taxonomy Extension Label Linkbase Â x Â Â Â Â Â Â Â Â Â Â Â Â 101.PRE Â XBRL Taxonomy Extension Presentation Linkbase Â x Â Â Â Â Â Â Â Â Â Â Â Â 104.1 Â Cover Page Interactive Data File Â x Â Â Â Â Â Â Â Â Â Â Â Â 29 Â Â SIGNATURES Â Pursuant to the requirements of 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 AINOS, INC. Â Â Â Date: November 6, 2024 By: /s/ Chun-Hsien Tsai Â Â Chun-Hsien Tsai, Chairman of the Board, President, and Chief Executive Officer Â Â Â Date: November 6, 2024 By: /s/ Hsin-Liang Lee Â Â Hsin-Liang Lee, Chief Financial Officer Â 30 Â EX-31.1 2 ex31-1.htm Â EXHIBIT 31.1 Â SECTION 302 CERTIFICATION Â I, Chun-Hsien Tsai, certify that: Â 1. I have reviewed this report on Form 10-Q of Ainos, Inc.; Â 2. Based on my knowledge, this report does not contain any untrue statement of 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 periods covered by this report; 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 4. The registrantâ€™s other certifying officer 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 (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, is made known to us by others within those entities, particularly during the period in which this report is being prepared; 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 (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 (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 that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and Â 5. The registrantâ€™s other certifying officer 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 (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 (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: November 6, 2024 /s/ Chun-Hsien Tsai Â Chun-Hsien Tsai, Principal Executive Officer Â (Chairman of the Board, President, and Chief Executive Officer) Â Â Â EX-31.2 3 ex31-2.htm Â EXHIBIT 31.2 Â SECTION 302 CERTIFICATION Â I, Hsin-Liang Lee, certify that: Â 1. I have reviewed this report on Form 10-Q of Ainos, Inc.; Â 2. Based on my knowledge, this report does not contain any untrue statement of 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 periods covered by this report; 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 4. The registrantâ€™s other certifying officer 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 (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, is made known to us by others within those entities, particularly during the period in which this report is being prepared; 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 (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 (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 that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and Â 5. The registrantâ€™s other certifying officer 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 (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 (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: November 6, 2024 /s/ Hsin-Liang Lee Â Hsin-Liang Lee, Principal Financial Officer Â (Chief Financial Officer) Â Â Â EX-32.1 4 ex32-1.htm Â EXHIBIT 32.1 Â CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 Â In connection with the Quarterly Report of Ainos, Inc. on Form 10-Q for the period ended September 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), the undersigned, in the capacity and on the date indicated below, hereby certifies pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of his knowledge: 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 2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operation of the Company. Â Â AINOS, INC. Â Â Â Date: November 6, 2024 By: /s/ Chun-Hsien Tsai Â Â Chun-Hsien Tsai, Principal Executive Officer Â Â (Chairman of the Board, President, and Chief Executive Officer) Â Â Â EX-32.2 5 ex32-2.htm Â EXHIBIT 32.2 Â CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 Â In connection with the Quarterly Report of Ainos, Inc. on Form 10-Q for the period ended September 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), the undersigned, in the capacity and on the date indicated below, hereby certifies pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that: 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 2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operation of the Company. Â Â AINOS, INC. Â Â Â Date: November 6, 2024 By:Â /s/ Hsin-Liang Lee Â Â Hsin-Liang Lee, Principal Financial Officer Â Â (Chief Financial Officer) Â Â Â Â Â Â EX-101.SCH 6 aimd-20240930.xsd XBRL SCHEMA FILE 00000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 00000002 - Statement - Condensed Balance Sheets (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000003 - Statement - Condensed Balance Sheets (Unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 00000004 - Statement - Condensed Statements of Operations (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000005 - Statement - Condensed Statements of Operations (Unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 00000006 - Statement - Condensed Statements of Comprehensive Loss (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000007 - Statement - Condensed Statements of Stockholders' Equity (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000008 - Statement - Condensed Statements of Cash Flows (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000009 - Disclosure - Description of Business link:presentationLink link:calculationLink link:definitionLink 00000010 - Disclosure - Summary of Significant Accounting Policies link:presentationLink link:calculationLink link:definitionLink 00000011 - Disclosure - Cash and Cash Equivalents link:presentationLink link:calculationLink link:definitionLink 00000012 - Disclosure - Inventory link:presentationLink link:calculationLink link:definitionLink 00000013 - Disclosure - Convertible Notes Payable and Other Notes Payable link:presentationLink link:calculationLink link:definitionLink 00000014 - Disclosure - Stockholdersâ€™ Equity link:presentationLink link:calculationLink link:definitionLink 00000015 - Disclosure - Revenue link:presentationLink link:calculationLink link:definitionLink 00000016 - Disclosure - Share-Based Compensation link:presentationLink link:calculationLink link:definitionLink 00000017 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 00000018 - Disclosure - Net Loss per Common Share link:presentationLink link:calculationLink link:definitionLink 00000019 - Disclosure - Related Party Transactions link:presentationLink link:calculationLink link:definitionLink 00000020 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 00000021 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 00000022 - Disclosure - Summary of Significant Accounting Policies (Policies) link:presentationLink link:calculationLink link:definitionLink 00000023 - Disclosure - Inventory (Tables) link:presentationLink link:calculationLink link:definitionLink 00000024 - Disclosure - Convertible Notes Payable and Other Notes Payable (Tables) link:presentationLink link:calculationLink link:definitionLink 00000025 - Disclosure - Stockholdersâ€™ Equity (Tables) link:presentationLink link:calculationLink link:definitionLink 00000026 - Disclosure - Share-Based Compensation (Tables) link:presentationLink link:calculationLink link:definitionLink 00000027 - Disclosure - Net Loss per Common Share (Tables) link:presentationLink link:calculationLink link:definitionLink 00000028 - Disclosure - Description of Business (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000029 - Disclosure - Summary of Significant Accounting Policies (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000030 - Disclosure - Cash and Cash Equivalents (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000031 - Disclosure - Schedule of Inventory (Details) link:presentationLink link:calculationLink link:definitionLink 00000032 - Disclosure - Inventory (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000033 - Disclosure - Schedule of Notes Payable (Details) link:presentationLink link:calculationLink link:definitionLink 00000034 - Disclosure - Convertible Notes Payable and Other Notes Payable (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000035 - Disclosure - Schedule of Warrants Issued and Outstanding (Details) link:presentationLink link:calculationLink link:definitionLink 00000036 - Disclosure - Schedule of Warrants Issued and Outstanding (Details) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 00000037 - Disclosure - Stockholdersâ€™ Equity (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000038 - Disclosure - Revenue (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000039 - Disclosure - Schedule of Restricted Stock Units (Details) link:presentationLink link:calculationLink link:definitionLink 00000040 - Disclosure - Share-Based Compensation (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000041 - Disclosure - Schedule of Basic and Diluted Net Loss Per Share (Details) link:presentationLink link:calculationLink link:definitionLink 00000042 - Disclosure - Schedule of Computations of Diluted Weighted Average Shares Outstanding (Details) link:presentationLink link:calculationLink link:definitionLink 00000043 - Disclosure - Related Party Transactions (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000044 - Disclosure - Commitments and Contingencies (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000045 - Disclosure - Subsequent Events (Details Narrative) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 7 aimd-20240930_cal.xml XBRL CALCULATION FILE EX-101.DEF 8 aimd-20240930_def.xml XBRL DEFINITION FILE EX-101.LAB 9 aimd-20240930_lab.xml XBRL LABEL FILE Class of Stock [Axis] Common Stock Par Value 0.01 Per Share [Member] Warrants to Purchase Common Stock [Member] Related and Nonrelated Parties [Axis] Related Party [Member] Equity Components [Axis] Preferred Stock [Member] Common Stock [Member] Common Stock To Be Issued [Member] Additional Paid-in Capital [Member] Retained Earnings [Member] AOCI Attributable to Parent [Member] Debt Instrument [Axis] March 2025 Convertible Notes [Member] Nonrelated Party [Member] March 2025 Convertible Notes One [Member] Senior Secured Convertible Notes [Member] May 2027 Convertible Notes [Member] KY Note [Member] i2China Note [Member] Collaborative Arrangement and Arrangement Other than Collaborative [Axis] Convertible Note and Warrant Purchase Agreement [Member] Statistical Measurement [Axis] Maximum [Member] Convertible Promissory Note Purchase Agreements [Member] ASE Note [Member] Lee Note [Member] Securities Purchase Agreement [Member] Legal Entity [Axis] Lind Global Fund II LP [Member] Senior Secured Convertible Notes Payable [Member] AmendedInitial Note [Member] Lind Financing [Member] Title and Position [Axis] Director [Member] Class of Warrant or Right [Axis] Placement Agent Warrant [Member] Private Warrant [Member] ASE Warrant [Member] Lind Warrant [Member] Public Warrant [Member] Representative Warrant [Member] Minimum [Member] Award Type [Axis] 2023 Stock Incentive Plan [Member] Plan Name [Axis] 2021 Employee Stock Purchase Plan [Member] Warrant [Member] Restricted Stock Units (RSUs) [Member] Antidilutive Securities [Axis] Stock Options and Restricted Stock Units [Member] Convertible Debt Securities [Member] Sales and Marketing Agreement [Member] Manufacturing Service Agreement [Member] Product and Service [Axis] COVID 19 Antigen Rapid Test Kits Sales [Member] Product Co Development Agreement [Member] Taiwan Carbon Nano Technology Corporation [Member] Finite-Lived Intangible Assets by Major Class [Axis] Patents [Member] Patent License Agreement [Member] Ownership [Axis] Subsequent Event Type [Axis] Subsequent Event [Member] Extend Agreements [Member] Statement [Table] Statement [Line Items] Document Type Amendment Flag Amendment Description Document Registration Statement Document Annual Report Document Quarterly Report Document Transition Report Document Shell Company Report Document Shell Company Event Date Document Period Start Date Document Period End Date Document Fiscal Period Focus Document Fiscal Year Focus Current Fiscal Year End Date Entity File Number Entity Registrant Name Entity Central Index Key Entity Primary SIC Number Entity Tax Identification Number Entity

Incorporation, State or Country Code Entity Address, Address Line One Entity Address, Address Line Two Entity Address, Address Line Three Entity Address, City or Town Entity Address, State or Province Entity Address, Country Entity Address, Postal Zip Code Country Region City Area Code Local Phone Number Extension Written Communications Soliciting Material Pre-commencement Tender Offer Pre-commencement Issuer Tender Offer Title of 12(b) Security No Trading Symbol Flag Trading Symbol Security Exchange Name Title of 12(g) Security Security Reporting Obligation Annual Information Form Audited Annual Financial Statements Entity Well-known Seasoned Issuer Entity Voluntary Filers Entity Current Reporting Status Entity Interactive Data Current Entity Filer Category Entity Small Business Entity Emerging Growth Company Elected Not To Use the Extended Transition Period Document Accounting Standard Other Reporting Standard Item Number Entity Shell Company Entity Public Float Entity Bankruptcy Proceedings, Reporting Current Entity Common Stock, Shares Outstanding Documents Incorporated by Reference [Text Block] Entity Listing, Par Value Per Share Statement of Financial Position [Abstract] Assets Current assets: Cash and cash equivalents Accounts receivable Inventory, net Other current assets Total current assets Intangible assets, net Property and equipment, net Other Assets Total assets Liabilities and Stockholdersâ€™ Equity Current liabilities: Contract liabilities Convertible notes payable (including amounts of related party of $2,000,000 and nil as of September 30, 2024 and December 31, 2023, respectively) Other notes payable, related party Accrued expenses and others current liabilities Total current liabilities Long term liabilities: Senior secured convertible notes measured at fair value Convertible notes payable-noncurrent (including amounts of related party of $9,000,000 and $2,000,000 as of September 30, 2024 and December 31, 2023, respectively) Other notes payable, related party-noncurrent Other long-term liabilities Total liabilities Commitments and contingencies Stockholdersâ€™ equity: Preferred stock, $0.01 par value; 50,000,000 shares authorized; none issued and outstanding as of September 30, 2024 and December 31,2023, respectively; Common stock, $0.01 par value; 300,000,000 shares authorized as of September 30, 2024 and December 31,2023; 13,813,434 and 4,677,787 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectively Common Shares to be issued 900 shares and 162,337 shares as of September 30, 2024 and December 31, 2023, respectively Additional paid-in capital Accumulated deficit Accumulated other comprehensive loss-translation adjustment Total stockholdersâ€™ equity Total liabilities and stockholdersâ€™ equity Defined Benefit Plan [Table] Defined Benefit Plan Disclosure [Line Items] Convertible notes payable current Convertible notes payable noncurrent Preferred stock, par value Preferred stock, shares authorized Preferred stock, shares issued Preferred stock, shares outstanding Common stock, par value Common stock, shares authorized Common stock, shares issued Common stock, shares outstanding Common stock to be issued Income Statement [Abstract] Revenues (including amounts of related party of nil and $21,224 for the three months September 30, 2024 and 2023, and nil and $33,765 for the nine months ended September 30, 2024 and 2023, respectively) Cost of revenues (including amounts of related party of nil and $39,523 for the three months September 30, 2024 and 2023, and nil and $86,158 for the nine months ended September 30, 2024 and 2023, respectively) Gross loss Operating expenses: Research and development expenses(including amounts of related party of $385,498 and $135,606 for the three months ended September 30, 2024 and 2023, and $1,147,198 and $287,802 for the nine months ended September 30, 2024 and 2023, respectively) Selling, general and administrative expenses Total operating expenses Loss from operations Non-operating (expenses) income, net Interest expenses Issuance cost of senior secured convertible note measured at fair value Fair value change for senior secured convertible note Other (expenses) income, net Total non-operating expenses Net loss before income taxes Provision for income taxes Net loss Net loss per common share - basic Net loss per common share - diluted Weighted-average shares used in computing net loss per common share-basic Weighted-average shares used in computing net loss per common share-diluted Revenues Cost of revenue Research and development expense Net loss Other comprehensive (loss) income: Translation adjustment Comprehensive loss Balance Balance, shares Issuance of stock to settle vested RSUs Issuance of stock to settle vested RSUs, shares Conversion of senior secured convertible note payable to common stock Conversion of senior secured convertible note payable to common stock, shares Issue common stock for patent license agreement Issue common stock for patent license agreement, shares Share-based compensation Translation adjustment Issue warrant to Placement agent Related party used computer equipment Warrants issued in connection with senior secured convertible note payable Issuance of common stock Issuance of common stock, shares Issuance of stock in exchange of vehicle Issuance of stock in exchange of vehicle, shares Conversion of convertible notes payable to common stock Conversion of convertible notes payable to common stock, shares Balance Balance, shares Statement of Cash Flows [Abstract] Cash flows from Operating Activities: Adjustments to reconcile net loss to net cash used in operating activities: Depreciation and amortization Loss on inventory write-downs Share-based compensation expense Issuance cost of senior secured convertible note measured at fair value Change in fair value of senior secured convertible note Changes in operating assets and liabilities: Accounts receivable Inventory Other current assets Accrued expenses and other current and long-term liabilities Net cash used in operating activities Cash flows from Investing Activities: Purchase of property and equipment Increase in refundable deposits and others Net cash used in investing activities Cash flows from Financing Activities: Proceeds from convertible notes payable- noncurrent Proceeds from convertible notes payable- noncurrent, related party Proceeds from senior secured convertible notes payable Repayment of other notes payable, related party Repayment of senior secured convertible notes payable Repayment of convertible notes payable, related party Payments of issuance cost of senior secured convertible note measured at fair value Net cash provided by financing activities Effect from foreign currency exchange Net increase in cash and cash equivalents Cash and cash equivalents at beginning of year Cash and cash equivalents at end of year Supplemental Cash Flow Information Cash paid for interest Noncash financing and investing activities: Conversion of convertible notes payable to common stock and accrued interest waived by convertible notes holders Conversion of senior secured convertible notes to common stock Issuance of common stocks in exchange of vehicle Account payable to purchase equipment Accounting Policies [Abstract] Description of Business Summary of Significant Accounting Policies Cash and Cash Equivalents [Abstract] Cash and Cash Equivalents Inventory Disclosure [Abstract] Inventory Debt Disclosure [Abstract] Convertible Notes Payable and Other Notes Payable Equity [Abstract] Stockholdersâ€™ Equity Revenue Recognition and Deferred Revenue [Abstract] Revenue Share-Based Payment Arrangement [Abstract] Share-Based Compensation Income Tax Disclosure [Abstract] Income Taxes Earnings Per Share [Abstract] Net Loss per Common Share Related Party Transactions [Abstract] Related Party Transactions Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Subsequent Events [Abstract] Subsequent Events Basis of Presentation Use of Estimates Liquidity Segments Impairment of Intangible Assets Fair Value Option Recent Accounting Pronouncements Adopted Accounting Standards Issued but Not Yet Adopted Schedule of Inventory Schedule of Notes Payable Schedule of Warrants Issued and Outstanding Schedule of Restricted Stock Units Schedule of Basic and Diluted Net Loss Per Share Schedule of Computations of Diluted Weighted Average Shares Outstanding Reverse stock split Nasdaq's minimum price per share Impairment of intangible assets, definite-lived Cash FDIC insured amount Excess of FDIC insured limits Cash CDIC insured amount Excess of CDIC insured limits Raw materials Work in process Finished goods Total Inventory write-downs net realizable values Short-Term Debt [Table] Short-Term Debt [Line Items] Other notes payable, related party â€“ current Other notes payable, related party - noncurrent May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) March 2025 Convertible Notes â€“current (Lee Note) Senior secured convertible notes payable (Lind Note) - fair value Notes payable Proceeds from notes payable Repayments of notes payable Interest rate percentage Maturity date Outstanding debt amount Issuance of convertible promissory notes, percentage Increased funding amount Conversion price per share Issuance of warrants shares of common stock Shares issued, price per share Convertible notes payable Tranche one Tranche two Tranche three Maturity date Interest expense Unpaid accrued interest expense Aggregate principal amount Warrants issued Warrants exercise price Conversion amount is cash Convertible notes payable additional funding Proceeds from convertible notes payable Remaining principal amount Prepaid cash Notes issued Shares issued Class of Warrant or Right [Table] Class of Warrant or Right [Line Items] Total Exercise price Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Line Items] Preferred stock shares authorized Preferred stock shares issued Preferred stock shares outstanding Conversion of note payable to common stock, shares Issuance of stock to settle vested RSUs Issuance of common stock for patent license agreement, shares Common stock shares issued Common stock shares outstanding Warrant issued Price per share, exercisable Warrants contractual term Fair value of warrants Warrants expired Contract liabilities Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Number of Shares, Beginning Weighted-Average Grant Date Fair Value Per Share, Beginning Number of Shares, RSUs granted Weighted-Average Grant Date Fair Value Per Share, RSUs granted Number of Shares, RSUs vested Weighted-Average Grant Date Fair Value Per Share, RSUs vested Number of Shares, RSUs forfeited Weighted-Average Grant Date Fair Value Per Share, RSUs forfeited Number of Shares, Ending Weighted-Average Grant Date Fair Value Per Share, Ending Aggregate number of shares granted Number of warrants outstanding Share-based compensation arrangement by share-based payment award, options, grants in period, gross Share-based compensation arrangement by share-based payment award, options, forfeitures and expirations in period Share-based compensation arrangement by share-based payment award, options, exercises in period Number of warrants outstanding Shared-based compensation expense Unrecognized compensation cost, stock options and warrants Weighted-average period in years Net loss attributable to common stockholders, basic and diluted Weighted-average number of shares used in computing net loss per share attributable to common stockholders, basic Weighted-average number of shares used in computing net loss per share attributable to common stockholders, diluted Net loss per share attributable to common stockholders, basic Net loss per share attributable to common stockholders, diluted Antidilutive Security, Excluded EPS Calculation [Table] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Total potential shares Related Party Transaction [Table] Related Party Transaction [Line Items] Interest expense incurred related party Unpaid accrued interest expenses Incurred costs Accounts payable Accounts receivable Development expenses incurred Non exclusive use of patents fee Indirect tax rate Advance payment Voting interest percentage Issuance of common stock Research and development expense Contract liabilities from distribution channels Subsequent Event [Table] Subsequent Event [Line Items] Exclusive use of patents fee Remaining note payable principal amount Warrants to Purchase Common Stock [Member] Common Stock Par Value 0.01 Per Share [Member] Other notes payable related party noncurrent. Common stock issuable. Shares obligated to issue. Issurance cost of senior secured convertible note measured at fair value. Fair value change of senior secured convertible note. Common Stock To Be Issued [Member] Adjustments to additional paid in capital related party used computer equipment amount. Stock issued during period value exchange stock in of vehicle amount. Stock issued during period shares exchange stock in of vehicle amount. Increase in refundable deposits and other assets. Repayment of convertible notes payable related party Repayment of senior secured convertible notes payable. Conversion of convertible notes payable to common stock and accrued interest waived by convertible notes holders. Conversion of senior secured convertible notes to common stock. Issuance of common stocks in exchange of vehicle. Account payable to purchase equipment. Liquidity [Policy Text Block] New Accounting Pronouncements Issued But Not Yet Adopted [Policy Text Block] Excess of Fdic insured limits. Cash CDIC insured amount. Excess of CDIC insured limits. Inventory writedowns net realizable values. KY Note [Member] i2China Note [Member] Convertible Note and Warrant Purchase Agreement [Member] Convertible Promissory Note Purchase Agreements [Member] March 2025 Convertible Notes [Member] ASE Note [Member] Convertible notes payable second payment. Convertible notes payable first payment. Convertible notes payable third payment. Lee Note [Member] Securities Purchase Agreement [Member] Lind Global Fund II LP [Member] Senior Secured Convertible Notes Payable [Member] Convertible notes payable additional funding threshold. AmendedInitial Note [Member] Lind Financing [Member] Insurance cost. ASE Warrant [Member] Lind Warrant [Member] Public Warrant [Member] Representative Warrant [Member] Placement Agent Warrant [Member] Private Warrant [Member] 2023 Stock Incentive Plan [Member] Sales and Marketing Agreement [Member] Manufacturing Service Agreement [Member] COVID 19 Antigen Rapid Test Kits Sales [Member] Product Co Development Agreement [Member] Taiwan Carbon Nano Technology Corporation [Member] Patent License Agreement [Member] Voting interest percentage Extend Agreements [Member] Indirect tax rate May 2027 Convertible Notes [Member] March 2025 Convertible Notes One [Member] Senior Secured Convertible Notes [Member] Stock Options and Restricted Stock Units [Member] 2021 Employee Stock Purchase Plan [Member] Assets, Current Assets [Default Label] Liabilities, Current Liabilities Equity, Attributable to Parent Liabilities and Equity Gross Profit Operating Expenses Operating Income (Loss) Interest Expense, Nonoperating Nonoperating Income (Expense) Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Noncontrolling Interest Comprehensive Income (Loss), Net of Tax, Attributable to Parent Shares, Outstanding Unrealized Gain (Loss) on Derivatives Increase (Decrease) in Accounts Receivable Increase (Decrease) in Inventories Increase (Decrease) in Other Current Assets Net Cash Provided by (Used in) Operating Activities Payments to Acquire Property, Plant, and Equipment IncreaseInRefundableDepositsAndOtherAssets Net Cash Provided by (Used in) Investing Activities Repayments of Related Party Debt RepaymentOfSeniorSecuredConvertibleNotesPayable RepaymentOfConvertibleNotesPayableRelatedParty Payments of Debt Issuance Costs Net Cash Provided by (Used in) Financing Activities Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Debt Instrument, Maturity Date, Description Contract with Customer, Liability Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Share-Based Compensation Arrangement by Share-Based Payment Award, Non-Option Equity Instruments, Outstanding, Number Accounts Receivable, after Allowance for Credit Loss EX-101.PRE 10 aimd-20240930_pre.xml XBRL PRESENTATION FILE XML 12 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Cover - $ / shares 9 Months Ended Sep. 30, 2024 Nov. 06, 2024 Document Type 10-Q Â Amendment Flag false Â Document Quarterly Report true Â Document Transition Report false Â Document Period End Date Sep. 30, 2024 Â Document Fiscal Period Focus Q3 Â Document Fiscal Year Focus 2024 Â Current Fiscal Year End Date --12-31 Â Entity File Number 001-41461 Â Entity Registrant Name AINOS, INC. Â Entity Central Index Key 0001014763 Â Entity Tax Identification Number 75-1974352 Â Entity Incorporation, State or Country Code TX Â Entity Address, Address Line One 8880 Rio San Diego Drive Â Entity Address, Address Line Two Ste. 800 Â Entity Address, City or Town San Diego Â Entity Address, State or Province CA Â Entity Address, Postal Zip Code 92108 Â City Area Code (858) Â Local Phone Number 869-2986 Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Non-accelerated Filer Â Entity Small Business true Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding Â 13,838,826 Entity Listing, Par Value Per Share $ 0.01 Â Common Stock Par Value 0.01 Per Share [Member] Â Â Title of 12(b) Security Common Stock, par value $0.01 per share Â Trading Symbol AIMD Â Security Exchange Name NASDAQ Â Warrants to Purchase Common Stock [Member] Â Â Title of 12(b) Security Warrants to purchase Common Stock Â Trading Symbol AIMDW Â Security Exchange Name NASDAQ Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The

document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe par value per share of security quoted in same currency as Trading currency. Example: '0.01'. + ReferencesNo definition available. + Details Name: dei_EntityListingParValuePerShare Namespace Prefix: dei_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementClassOfStockAxis=AIMD_CommonStockParValue0.01PerShareMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=AIMD_WarrantsToPurchaseCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 13 R2.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Balance Sheets (Unaudited) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Current assets: Â Â Cash and cash equivalents $ 5,156,606 $ 1,885,628 Accounts receivable 455 Inventory, net 160,701 167,593 Other current assets 331,898 419,521 Total current assets 5,649,205 2,473,197 Intangible assets, net 24,888,249 28,283,208 Property and equipment, net 649,063 876,572 Other Assets 183,229 208,827 Total assets 31,369,746 31,841,804 Current liabilities: Â Â Contract liabilities 110,142 112,555 Convertible notes payable (including amounts of related party of $2,000,000 and nil as of September 30, 2024 and December 31, 2023, respectively) 3,000,000 Other notes payable, related party 270,000 42,000 Accrued expenses and others current liabilities 750,629 1,182,283 Total current liabilities 4,130,771 1,336,838 Long term liabilities: Â Â Senior secured convertible notes measured at fair value 2,651,556 Convertible notes payable-noncurrent (including amounts of related party of $9,000,000 and $2,000,000 as of September 30, 2024 and December 31, 2023, respectively) 9,000,000 3,000,000 Other notes payable, related party-noncurrent 270,000 Other long-term liabilities 216,760 135,829 Total liabilities 13,347,531 7,394,223 Commitments and contingencies Stockholdersâ€™ equity: Â Â Preferred stock, $0.01 par value; 50,000,000 shares authorized; none issued and outstanding as of September 30, 2024 and December 31,2023, respectively; Common stock, $0.01 par value; 300,000,000 shares authorized as of September 30, 2024 and December 31,2023; 13,813,434 and 4,677,787 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectively 138,134 46,778 Common Shares to be issued 900 shares and 162,337 shares as of September 30, 2024 and December 31, 2023, respectively 9 1,623 Additional paid-in capital 66,223,783 62,555,808 Accumulated deficit (48,095,304) (37,886,155) Accumulated other comprehensive loss-translation adjustment (244,407) (270,473) Total stockholdersâ€™ equity 18,022,215 24,447,581 Total liabilities and stockholdersâ€™ equity $ 31,369,746 $ 31,841,804 X - DefinitionCommon stock issuable. + ReferencesNo definition available. + Details Name: AIMD_CommonStockIssuable Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionOther notes payable related party noncurrent. + ReferencesNo definition available. + Details Name: AIMD_OtherNotesPayableRelatedPartyNoncurrent Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26:

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http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/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 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 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https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value portion of borrowing which can be exchanged for a specified number of another security at the option of the issuer or the holder, for example, but not limited to, the entity's common stock. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_ConvertibleDebtFairValueDisclosures Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of long-term debt (with maturities initially due after one year or beyond the operating cycle if longer) identified as Convertible Notes Payable, excluding current portion. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -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_ConvertibleLongTermNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of the portion of long-term debt due within one year or the operating cycle if longer identified as Convertible Notes Payable. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section

S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A 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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_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expenses incurred but not yet paid classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of current assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term notes classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -

Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 14 R3.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Balance Sheets (Unaudited) (Parenthetical) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Convertible notes payable current $ 3,000,000 Convertible notes payable noncurrent $ 9,000,000 $ 3,000,000 Preferred stock, par value $ 0.01 $ 0.01 Preferred stock, shares authorized 50,000,000 50,000,000 Preferred stock, shares issued 0 0 Preferred stock, shares outstanding 0 0 Common stock, par value $ 0.01 $ 0.01 Common stock, shares authorized 300,000,000 300,000,000 Common stock, shares issued 13,813,434 4,677,787 Common stock, shares outstanding 13,813,434 4,677,787 Common stock to be issued 900 162,337 Related Party [Member] Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Convertible notes payable current $ 2,000,000 Convertible notes payable noncurrent $ 9,000,000 $ 2,000,000 X - DefinitionShares obligated to issue. + ReferencesNo definition available. + Details Name: AIMD_SharesObligatedToIssue Namespace Prefix: AIMD_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionCarrying value as of the balance sheet date of long-term debt (with maturities initially due after one year or beyond the operating cycle if longer) identified as Convertible Notes Payable, excluding current portion. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -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_ConvertibleLongTermNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of the portion of long-term debt due within one year or the operating cycle if longer identified as Convertible Notes Payable. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 15 R4.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Statements of Operations (Unaudited) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Statement [Abstract] Â Â Â Â Revenues (including amounts of related party of nil and $21,224 for the three months September 30, 2024 and 2023, and nil and $33,765 for the nine months ended September 30, 2024 and 2023, respectively) $ 24,489 $ 20,729 $ 102,208 Cost of revenues (including amounts of related party of nil and $39,523 for the three months September 30, 2024 and 2023, and nil and $86,158 for the nine months ended September 30, 2024 and 2023, respectively) (547) (87,873) (52,674) (244,538) Gross loss (547) (63,384) (31,945) (142,330) Operating expenses: Â Â Â Â Research and development expenses(including amounts of related party of $385,498 and $135,606 for the three months ended September 30, 2024 and 2023, and $1,147,198 and $287,802 for the nine months ended September 30, 2024 and 2023, respectively) 2,022,244 1,710,265 6,085,648 5,080,335 Selling, general and administrative expenses 1,015,758 902,017 3,090,056 2,282,631 Total operating expenses 3,038,002 2,612,282 9,175,704 7,362,966 Loss from operations (3,038,549) (2,675,666) (9,207,649) (7,505,296) Non-operating (expenses) income, net Â Â Â Â Interest expenses (264,642) (44,267) (432,097) (93,852) Issuance cost of senior secured convertible note measured at fair value (169,344) (260,967) (308,336) (260,967) Fair value change for senior secured convertible note (177,212) (275,624) Other (expenses) income, net (49,570) 5,054 14,557 14,067 Total non-operating expenses (660,768) (300,180) (1,001,500) (340,752) Net loss before income taxes (3,699,317) (2,975,846) (10,209,149) (7,846,048) Provision for income taxes Net loss $ (3,699,317) $ (2,975,846) $ (10,209,149) $ (7,846,048) Net loss per common share - basic $ (0.33) $ (0.73) $ (1.30) $ (1.95) Net loss per common share - diluted $ (0.33) $ (0.73) $ (1.30) $ (1.95) Weighted-average shares used in computing net loss per common share-basic 11,279,220 4,058,413 7,868,997 4,026,756 Weighted-average shares used in computing net loss per common share-diluted 11,279,220 4,058,413 7,868,997 4,026,756 X - DefinitionFair value change of senior secured convertible note. + ReferencesNo definition available. + Details Name: AIMD_FairValueChangeOfSeniorSecuredConvertibleNote Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIssurance cost of senior secured convertible note measured at fair value. + ReferencesNo definition available. + Details Name: AIMD_IssuranceCostOfSeniorSecuredConvertibleNoteMeasuredAtFairValue Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 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-Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - 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 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http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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: 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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)) -

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https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 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-Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting 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http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NonoperatingIncomeExpenseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OperatingExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (expense) related to nonoperating activities, classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 8: 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 9: 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 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -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/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -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-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 16 R5.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Statements of Operations (Unaudited) (Parenthetical) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Revenues $ 24,489 $ 20,729 $ 102,208 Cost of revenue 547 87,873 52,674 244,538 Research and development expense 2,022,244 1,710,265 6,085,648 5,080,335 Related Party [Member] Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Revenues 21,224 33,765 Cost of revenue 39,523 86,158 Research and development expense $ 385,498 $ 135,606 $ 1,147,198 $ 287,802 X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: 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 9: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: 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 12: 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 13: 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 14: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards 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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/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -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-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 17 R6.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Statements of Comprehensive Loss (Unaudited) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Statement [Abstract] Â Â Â Â Net loss $ (3,699,317) $ (2,975,846) $ (10,209,149) $ (7,846,048) Other comprehensive (loss) income: Â Â Â Â Translation adjustment 135,981 (78,833) 26,066 (122,639) Comprehensive loss $ (3,563,336) $ (3,054,679) $ (10,183,083) $ (7,968,687) X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to noncontrolling interests. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossTaxAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 18 R7.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Statements of Stockholders' Equity (Unaudited) - USD ($) Preferred Stock [Member] Common Stock [Member] Common Stock To Be Issued [Member] Additional Paid-in Capital [Member] Retained Earnings [Member] AOCI Attributable to Parent [Member] Total Balance at Dec. 31, 2022 $ 40,023 $ 58,905,242 $ (24,115,606) $ (201,653) $ 34,628,006 Balance, shares at Dec. 31, 2022 4,002,320 Â Â Â Â Issuance of stock to settle vested RSUs $ 253 (253) Issuance of stock to settle vested RSUs, shares Â 25,306 Â Â Â Â Â Share-based compensation 682,833 682,833 Net loss (7,846,048) (7,846,048) Translation adjustment (122,639) (122,639) Warrants issued in connection with senior secured convertible note payable 15,467 15,467 Issuance of stock in exchange of vehicle $ 122 48,437 48,559 Issuance of stock in exchange of vehicle, shares Â 12,231 Â Â Â Â Â Conversion of convertible notes payable to common stock $ 187 274,602 274,789 Conversion of convertible notes payable to common stock, shares Â 18,666 Â Â Â Â Â Balance at Sep. 30, 2023 $ 40,585 59,926,328 (31,961,654) (324,292) 27,680,967 Balance, shares at Sep. 30, 2023 4,058,523 Â Â Â Â Balance at Jun. 30, 2023 $ 40,585 59,586,019 (28,985,808) (245,459) 30,395,337 Balance, shares at Jun. 30, 2023 4,058,523 Â Â Â Â Share-based compensation 324,842 324,842 Net loss (2,975,846) (2,975,846) Translation adjustment (78,833) (78,833) Issue warrant to Placement agent 15,467 15,467 Balance at Sep. 30, 2023 $ 40,585 59,926,328 (31,961,654) (324,292) 27,680,967 Balance, shares at Sep. 30, 2023 4,058,523 Â Â Â Â Balance at Dec. 31, 2023 $ 46,778 $ 1,623 62,555,808 (37,886,155) (270,473) 24,447,581 Balance, shares at Dec. 31, 2023 4,677,787 162,337 Â Â Â Â Issuance of stock to settle vested RSUs $ 4,020 $ 9 (4,029) Issuance of stock to settle vested RSUs, shares Â 401,992 900 Â Â Â Â Conversion of senior secured convertible note payable to common stock $ 30,713 2,410,978 2,441,691 Conversion of senior secured convertible note payable to common stock, shares Â 3,071,318 Â Â Â Â Â Issue common stock for patent license agreement $ 55,000 (55,000) Issue common stock for patent license agreement, shares Â 5,500,000 Â Â Â Â Â Share-based compensation 1,318,868 1,318,868 Net loss (10,209,149) (10,209,149) Translation adjustment 26,066 26,066 Related party used computer equipment (4,428) (4,428) Warrants issued in connection with senior secured convertible note payable 1,586 1,586 Issuance of common stock $ 1,623 $ (1,623) Issuance of common stock, shares Â 162,337 (162,337) Â Â Â Â Balance at Sep. 30, 2024 $ 138,134 $ 9 66,223,783 (48,095,304) (244,407) 18,022,215 Balance, shares at Sep. 30, 2024 13,813,434 900 Â Â Â Â Balance at Jun. 30, 2024 $ 73,887 $ 3 65,414,761 (44,395,987) (380,388) 20,712,276 Balance, shares at Jun. 30, 2024 7,388,674 270 Â Â Â Â Issuance of stock to settle vested RSUs $ 2,680 $ 6 (2,686) Issuance of stock to settle vested RSUs, shares Â 268,028 630 Â Â Â Â Conversion of senior secured convertible note payable to common stock $ 6,567 395,917 402,484 Conversion of senior secured convertible note payable to common stock, shares Â 656,732 Â Â Â Â Â Issue common stock for patent license agreement $ 55,000 (55,000) Issue common stock for patent license agreement, shares Â 5,500,000 Â Â Â Â Â Share-based compensation 470,791 470,791 Net loss (3,699,317) (3,699,317) Translation adjustment 135,981 135,981 Balance at Sep. 30, 2024 $ 138,134 $ 9 $ 66,223,783 $ (48,095,304) $ (244,407) $ 18,022,215 Balance, shares at Sep. 30, 2024 13,813,434 900 Â Â Â Â X - DefinitionAdjustments to additional paid in capital related party used computer equipment amount. + ReferencesNo definition available. + Details Name: AIMD_AdjustmentsToAdditionalPaidInCapitalRelatedPartyUsedComputerEquipmentAmount Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionStock issued during period shares exchange stock in of vehicle amount. + ReferencesNo definition available. + Details Name: AIMD_StockIssuedDuringPeriodSharesExchangeStockInOfVehicleAmount Namespace Prefix: AIMD_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionStock issued during period value exchange stock in of vehicle amount. + ReferencesNo definition available. + Details Name: AIMD_StockIssuedDuringPeriodValueExchangeStockInOfVehicleAmount Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of other increase (decrease) in additional paid in capital (APIC). + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in additional paid in capital (APIC) resulting from the issuance of warrants. Includes allocation of proceeds of debt securities issued with detachable stock purchase warrants. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 20 -Section 25 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481284/470-20-25-2 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalWarrantIssued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting

Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount before tax, after reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued during the period as a result of the conversion of convertible securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_StockIssuedDuringPeriodSharesConversionOfConvertibleSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares issued during the period upon the conversion of units. An example of a convertible unit is an umbrella partnership real estate investment trust unit (UPREIT unit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_StockIssuedDuringPeriodSharesConversionOfUnits Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of new stock issued during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: 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_StockIssuedDuringPeriodSharesNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of stock issued attributable to transactions classified as other. + ReferencesNo definition available. + Details Name: us-gaap_StockIssuedDuringPeriodSharesOther Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionTotal number of shares issued during the period, including shares forfeited, as a result of Restricted Stock Awards. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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_StockIssuedDuringPeriodSharesRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe gross value of stock issued during the period upon the conversion of convertible securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueConversionOfConvertibleSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue of stock issued during the period upon the conversion of units. An example of a convertible unit is an umbrella partnership real estate investment trust unit (UPREIT unit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueConversionOfUnits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionEquity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -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 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_StockIssuedDuringPeriodValueNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue of shares of stock issued attributable to transactions classified as other. + ReferencesNo definition available. + Details Name: us-gaap_StockIssuedDuringPeriodValueOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAggregate value of stock related to Restricted Stock Awards issued during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -

Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 19 R8.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Statements of Cash Flows (Unaudited) - USD ($) 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Cash flows from Operating Activities: Â Â Net loss $ (10,209,149) $ (7,846,048) Adjustments to reconcile net loss to net cash used in operating activities: Â Â Depreciation and amortization 3,610,387 3,653,746 Loss on inventory write-downs 120,931 Share-based compensation expense 1,318,868 682,833 Issuance cost of senior secured convertible note measured at fair value 308,336 260,967 Change in fair value of senior secured convertible note 275,624 Changes in operating assets and liabilities: Â Â Accounts receivable 455 201,384 Inventory 6,892 6,812 Other current assets 87,623 (757) Accrued expenses and other current and long-term liabilities (343,072) (401,622) Net cash used in operating activities (4,944,036) (3,321,754) Cash flows from Investing Activities: Â Â Purchase of property and equipment (20,423) (107,867) Increase in refundable deposits and others (118,154) (9,661) Net cash used in investing activities (138,577) (117,528) Cash flows from Financing Activities: Â Â Proceeds from convertible notes payable- noncurrent 1,000,000 Proceeds from convertible notes payable- noncurrent, related party 9,000,000 2,000,000 Proceeds from senior secured convertible notes payable 875,000 2,000,000 Repayment of other notes payable, related party (42,000) (572,000) Repayment of senior secured convertible notes payable (1,439,754) Repayment of convertible notes payable, related party (114,026) Payments of issuance cost of senior secured convertible note measured at fair value (97,500) (290,000) Net cash provided by financing activities 8,295,746 4,023,974 Effect from foreign currency exchange 57,845 (67,091) Net increase in cash and cash equivalents 3,270,978 517,601 Cash and cash equivalents at beginning of year 1,885,628 1,853,362 Cash and cash equivalents at end of year 5,156,606 2,370,963 Supplemental Cash Flow Information Â Â Cash paid for interest 3,932 16,897 Noncash financing and investing activities: Â Â Conversion of convertible notes payable to common stock and accrued interest waived by convertible notes holders 274,789 Conversion of senior secured convertible notes to common stock 2,441,691 Issuance of common stocks in exchange of vehicle 48,559 Account payable to purchase equipment $ 107,867 X - DefinitionAccount payable to purchase equipment. + ReferencesNo definition available. + Details Name: AIMD_AccountPayableToPurchaseEquipment Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionConversion of convertible notes payable to common stock and accrued interest waived by convertible notes holders. + ReferencesNo definition available. + Details Name: AIMD_ConversionOfConvertibleNotesPayableToCommonStockAndAccruedInterestWaivedByConvertibleNotesHolders Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionConversion of senior secured convertible notes to common stock. + ReferencesNo definition available. + Details Name: AIMD_ConversionOfSeniorSecuredConvertibleNotesToCommonStock Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIncrease in refundable deposits and other assets. + ReferencesNo definition available. + Details Name: AIMD_IncreaseInRefundableDepositsAndOtherAssets Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIssuance of common stocks in exchange of vehicle. + ReferencesNo definition available. + Details Name: AIMD_IssuanceOfCommonStocksInExchangeOfVehicle Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIssurance cost of senior secured convertible note measured at fair value. + ReferencesNo definition available. + Details Name: AIMD_IssuranceCostOfSeniorSecuredConvertibleNoteMeasuredAtFairValue Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepayment of convertible notes payable related party + ReferencesNo definition available. + Details Name: AIMD_RepaymentOfConvertibleNotesPayableRelatedParty Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepayment of senior secured convertible notes payable. + ReferencesNo definition available. + Details Name: AIMD_RepaymentOfSeniorSecuredConvertibleNotesPayable Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CashFlowNoncashInvestingAndFinancingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in other obligations or expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherAccountsPayableAndAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in current assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherCurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash paid for interest, excluding capitalized interest, classified as operating activity. Includes, but is not limited to, payment to settle zero-coupon bond for accreted interest of debt discount and debt instrument with insignificant coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2 + Details Name: us-gaap_InterestPaidNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-2 + Details Name: us-gaap_InventoryWriteDown Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 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Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: 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https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash 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 the issuance of a long-term debt instrument which can be exchanged for a specified amount of another security, typically the entity's common stock, at the option of the issuer or the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromConvertibleDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a long-term borrowing made from related parties where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Proceeds from Advances from Affiliates. + 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_ProceedsFromRelatedPartyDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from borrowings supported by a written promise to pay an obligation that is collateralized (backed by pledge, mortgage or other lien in the entity's assets). + 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_ProceedsFromSecuredNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for the payment of a long-term borrowing made from a related party where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Payments for Advances from Affiliates. + 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_RepaymentsOfRelatedPartyDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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 X - DefinitionThe net change in the difference between the fair value and the carrying value, or in the comparative fair values, of derivative instruments, including options, swaps, futures, and forward contracts, held at each balance sheet date, that was included in earnings for the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column F)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5A + Details Name: us-gaap_UnrealizedGainLossOnDerivatives Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.24.3 Description of Business 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Description of Business 1. Description of Business Â Organization and Business Â Ainos, Inc. (the â€œCompanyâ€), incorporated in the State of Texas in 1984, is a diversified healthcare company focused on the development of novel point-of-care testing (the â€œPOCTâ€), therapeutics based on very low-dose interferon alpha (the â€œVELDONAâ€), and synthetic RNA-driven preventative medicine. Our product pipeline includes commercial-stage VELDONA Pet cytoprotein supplements, clinical-stage VELDONA human and animal therapeutics and telehealth-friendly POCTs powered by the AI Nose technology platform. Â We have historically involved in the research and development of therapeutics based on VELDONA. Building on our research and development on VELDONA since inception, we are focused on commercializing a suite of VELDONA-based product candidates. Currently our priority VELDONA pipeline includes drug candidates for treating oral warts for human immunodeficiency virus (HIV) seropositive patients, SjÃ¶grenâ€™s syndrome, and feline chronic gingivostomatitis (FCGS), a cat oral infection. Â In 2021 and 2022, we acquired certain types of intellectual property from our controlling shareholder, Ainos Inc., a Cayman Island corporation (â€œAinos KYâ€), to expand product portfolio into POCTs aimed to provide connected, rapid, and convenient testing for a broad range of health conditions. Pivoting from the sales of COVID-19 POCT, we aim to commercialize POCTs that detect volatile organic compounds (the â€œVOCâ€) emitted by the body, powered by our AI Nose technology platform. Our AI Nose technology platform implements digital nose sensors and our proprietary algorithm to analyze and digitally profile VOCs emitted by the body. Our lead VOC POCT candidate, Ainos Flora, aims to test female vaginal health and certain common sexually transmitted infections (the â€œSTIsâ€) quickly and easily. Â We believe AI Nose has additional opportunities in telehealth, automotive, industrial, and environmental safety applications. To address these additional opportunities, we are codeveloping a VOC POCT solution for the elderly care market. We are also codeveloping a VOC sensing solution to address the industrial market, as our first move to expand the application of AI Nose beyond healthcare. Our vision is to leverage digital nose sensors and our proprietary VOC sensing AI algorithm, to digitize smell and ultimately become Aiâ€™s nose. Â Underwritten Public Offering Â The Companyâ€™s registration statement related to its underwritten public offering (the â€œOfferingâ€) was declared effective on August 8, 2022, and the Companyâ€™s common stock and warrants began trading on the Nasdaq Capital Market (the â€œNasdaqâ€) on August 9, 2022 under the trading symbols â€œAIMDâ€ and â€œAIMDWâ€, respectively. Â Reverse Stock Splits Â In connection with the Offering, the Companyâ€™s board of directors on April 29, 2022 and its shareholders on May 16, 2022 approved a 1-for-15 reverse stock split of the Companyâ€™s common stock that became effective on August 9, 2022. Further, to comply with Nasdaqâ€™s minimum $1.00 per share continued listing rules, the Company filed a Certificate of Amendment to its Restated Certificate of Formation on November 27, 2023, to apply for another reverse stock split of the Companyâ€™s common stock at a ratio of 1-for-5 which was effectuated on December 14, 2023 after receiving required approvals. Â The par value of $0.01 and authorized shares of the Companyâ€™s common stock remains the same and were not adjusted as a result of the reverse stock splits. All issued and outstanding common stock, restricted stock units (RSUs), outstanding convertible notes, warrants and options to purchase common stock and per share amounts contained in the financial statements have been retroactively adjusted to give effect to the reverse stock splits for all periods presented. Â Â X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the business description and basis of presentation concepts. Business description describes the nature and type of organization including but not limited to organizational structure as may be applicable to holding companies, parent and subsidiary relationships, business divisions, business units, business segments, affiliates and information about significant ownership of the reporting entity. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + 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 205 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/205/tableOfContent + Details Name: us-gaap_BusinessDescriptionAndBasisOfPresentationTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.24.3 Summary of Significant Accounting Policies 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Summary of Significant Accounting Policies 2. Summary of Significant Accounting Policies Â Basis of Presentation Â The accompanying condensed financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (the â€œGAAPâ€) and pursuant to the accounting disclosure rules and regulations of the Securities and Exchange Commission (the â€œSECâ€) regarding interim financial reporting. Certain information and note disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these condensed financial statements should be read in conjunction with the financial statements and notes included in the Companyâ€™s audited

financial statements as of and for the year ended December 31, 2023 contained in the Annual Report on Form 10-K filed with the SEC on March 8, 2024. Â In the opinion of management, the accompanying condensed financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, and cash flows for the interim periods. The results for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter, the year ending December 31, 2024, or any other period. Â There have been no material changes to the Companyâ€™s significant accounting policies as described in the audited financial statements as of December 31, 2023. Â Use of Estimates Â The preparation of condensed financial statements in conformity with GAAP requires management to make certain estimates, judgments, and assumptions that affect the reported amounts of assets and liabilities and disclosures as of the date of the condensed financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on various factors, including historical experience, and on various other assumptions that are believed to be reasonable under the circumstances, when these carrying values are not readily available from other sources. Significant items subject to estimates and assumptions include useful lives of property and equipment, valuation of stock option, warrants and convertible notes measured at fair value, and impairment testing of intangible assets. Actual results may differ from these estimates. Â Liquidity Â As of September 30, 2024, the Company had cash and cash equivalents of $5,156,606. The Company plans to finance its operations and development needs with its existing cash and cash equivalents, additional equity and/or debt financing arrangements, to support the Companyâ€™s clinical trial activities, largely in connection with Ainos Flora and human related VELDONA therapeutics. There can be no assurance that the Company will be able to obtain additional financing on terms acceptable to the Company, on a timely basis, or at all. Â For the nine months ended September 30, 2024, the Company generated a net loss of $10,209,149. The Company expects to continue incurring development expenses for the next twelve months as the Company advances Ainos Flora and VELDONA therapeutics for humans through clinical development until regulatory approval is received and the sales and marketing of the products is authorized. Â The financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has incurred net operating losses since inception and has an accumulated deficit as of September 30, 2024 of $48,095,304 and expects to incur additional losses and negative operating cash flows for at least the next twelve months. The Companyâ€™s ability to meet its obligations is dependent upon its ability to generate sufficient cash flows from operations and future financing transactions. Â Â Segments Â Operating segments are defined as components of an entity for which separate financial information is available and that is regularly reviewed by the chief operating decision maker (the â€œCODMâ€) in deciding how to allocate resources to an individual segment and in assessing performance. The Companyâ€™s Chief Executive Officer is the Companyâ€™s CODM. The CODM reviews financial information prepared on the basis of accounting policy disclosed in its annual financial statement for purposes of making operating decisions, allocating resources, and evaluating financial performance of the Company. As such, the Company has determined that it operates as one operating segment. Â Impairment of Intangible Assets Â The Company reviews its definite-lived intangibles and other long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be fully recoverable. When such events occur, management determines whether there has been impairment by comparing the anticipated undiscounted future net cash flows to the carrying value of the asset or asset group. If impairment exists, the assets are written down to their estimated fair value. No impairment of definite-lived intangible and long-lived assets was recorded for the three and nine months ended September 30, 2024 and 2023. Â Fair Value Option Â ASC 825-10, Financial Instruments, provides a fair value option (the â€œFVOâ€) election that allows companies an irrevocable election to use fair value as the initial and subsequent accounting measurement attribute for certain financial assets and liabilities. ASC 825-10 permits entities to elect to measure eligible financial assets and liabilities at fair value on an ongoing basis. Unrealized gains and losses on items for which the FVO has been elected are reported in earnings, except for the effect of changes in own credit, which are recognized in other comprehensive income/loss. The decision to elect the FVO is determined on an instrument-by-instrument basis, must be applied to an entire instrument and is irrevocable once elected. Assets and liabilities measured at fair value pursuant to ASC 825-10 are required to be reported separately from those instruments measured using another accounting method. Â The Company elected to account for the senior secured convertible notes issued to Lind Global Fund II LP (the â€œLind Noteâ€) using FVO, which allows for valuing the Lind Note at fair value in its entirety versus bifurcation of the embedded derivatives (see Note 5). The fair value of the Lind Note is determined using a binomial lattice valuation model, which is widely used for valuing convertible notes. The significant assumptions used in the model is volatility of the Companyâ€™s common stock. If different assumptions are used, the fair value of the convertible notes and the change in estimated fair value could be materially different. A significant increase in the volatility of the market price of the Companyâ€™s common stock, in isolation, would result in a significantly higher fair value; and a significant decrease in volatility would result in a significantly lower fair value. Â Recent Accounting Pronouncements Adopted Â On January 1, 2023, the Company adopted Accounting Standards Update (the â€œASUâ€) 2016-13 (the â€œASU 2016-13â€), Financial Instrumentsâ€“Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, which the Financial Accounting Standards Board (the â€œFASBâ€) issued in June 2016. The new standard changes the accounting for credit losses for financial assets and certain other instruments, including trade receivables and contract assets that are not measured at fair value through net income. Under legacy standards, the Company recognizes an impairment of receivables when it was probable that a loss had been incurred. Under the new standard pursuant to ASU 2016-13, the Company is required to recognize estimated credit losses expected to occur over the estimated life or remaining contractual life of an asset (which includes losses that may be incurred in future periods) using a broader range of information including reasonable and supportable forecasts about future economic conditions. The guidance is effective for smaller reporting companies (the â€œSRCâ€) as defined by the SEC for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years with early adoption permitted. The Companyâ€™s adoption of this new guidance did not have a material impact on the Companyâ€™s financial statements and related disclosure. Â Â On January 1, 2023, the Company early adopted ASU 2020-06 (the â€œASU 2020-06â€), Debtâ€“Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedgingâ€“Contracts in Entityâ€™s Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entityâ€™s Own Equity, which simplifies accounting for convertible instruments by removing major separation models required under current GAAP. ASU 2020-06 as issued by FASB in August 2020 removes certain settlement conditions that are required for equity contracts to qualify for the derivative scope exception, and it also simplifies the diluted earnings per share calculation in certain areas. ASU 2020-06 is effective for SRCâ€™s fiscal years beginning after December 15, 2023, including interim periods within those fiscal years, with early adoption permitted. The Companyâ€™s early adoption of this new guidance did not have a material impact on its financial statements and related disclosures. Â Accounting Standards Issued but Not Yet Adopted Â No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Companyâ€™s financial statements. Â X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for all significant accounting policies of the reporting entity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_SignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.24.3 Cash and Cash Equivalents 9 Months Ended Sep. 30, 2024 Cash and Cash Equivalents [Abstract] Â Cash and Cash Equivalents 3. Cash and Cash Equivalents Â As of September 30, 2024 and December 31, 2023, cash and cash equivalents consisted of cash on hand and cash in bank which is potentially subject to concentration of credit risk. Such balance is maintained at financial institutions that management determines to be of high-credit quality. Cash accounts at each institution are insured by the Federal Deposit Insurance Corporation in the U.S.A or Central Deposit Insurance Corporation in Taiwan up to certain limits. At times, such deposits may be in excess of the insurance limit. Accounts are guaranteed by the Federal Deposit Insurance Corporation (FDIC) up to $250,000. As of September 30, 2024 and December 31, 2023, the Company had approximately $230,115 and $1,557,487 in excess of FDIC insured limits, respectively. The Company maintains cash in state-owned banks in Taiwan. In Taiwan, the insurance coverage of each bank is NTD$3,000,000 (approximately USD$94,750). As of September 30, 2024 and December 31, 2023, the Company had approximately $4,557,900 and $0 cash in excess of the insured amount, respectively. The Company has not experienced any losses in such accounts. Â X - ReferencesNo definition available. + Details Name: us-gaap_CashAndCashEquivalentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for cash and cash equivalent footnotes, which may include the types of deposits and money market instruments, applicable carrying amounts, restricted amounts and compensating balance arrangements. Cash and equivalents include: (1) currency on hand (2) demand deposits with banks or financial institutions (3) other kinds of accounts that have the general characteristics of demand deposits (4) 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. Generally, only investments maturing within three months from the date of acquisition qualify. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CashAndCashEquivalentsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R12.htm IDEA: XBRL DOCUMENT v3.24.3 Inventory 9 Months Ended Sep. 30, 2024 Inventory Disclosure [Abstract] Â Inventory 4. Inventory Â Inventory stated at cost, net of reserve, consisted of the following: Â Schedule of Inventory Â Â September 30,Â Â December 31,Â Â Â 2024Â Â 2023Â Raw materialsÂ $88,765Â Â $92,708Â Work in processÂ Â 1,171Â Â Â 1,208Â Finished goodsÂ Â 70,765Â Â Â 73,677Â TotalÂ $160,701Â Â $167,593Â Â Inventory write-downs to estimated net realizable values were nil for the three and nine months ended September 30, 2024, respectively, compared to $63,457 and $120,931 for the three and nine months ended September 30, 2023, respectively. Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R13.htm IDEA: XBRL DOCUMENT v3.24.3 Convertible Notes Payable and Other Notes Payable 9 Months Ended Sep. 30, 2024 Debt Disclosure [Abstract] Â Convertible Notes Payable and Other Notes Payable 5. Convertible Notes Payable and Other Notes Payable Â As of September 30, 2024 and December 31, 2023, the respective notes payable were as follows: Â Schedule of Notes Payable Â Â September 30, 2024Â Â December 31, 2023Â Other notes payable, related party â€“ currentÂ $270,000Â Â $42,000Â Other notes payable, related party - noncurrentÂ Â -Â Â Â 270,000Â March 2025 Convertible Notes, related party â€“ noncurrent (ASE Note)Â Â -Â Â Â 2,000,000Â March 2025 Convertible Notes, related party â€“current (ASE Note)Â Â 2,000,000Â Â Â -Â March 2025 Convertible Notes â€“ noncurrent (Lee Note)Â Â -Â Â Â 1,000,000Â March 2025 Convertible Notes â€“current (Lee Note)Â Â 1,000,000Â Â Â -Â Senior secured convertible notes payable (Lind Note) - fair valueÂ Â -Â Â Â 2,651,556Â May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note)Â Â 9,000,000Â Â Â -Â Notes payableÂ $12,270,000Â Â $5,963,556Â Â Â The other notes payable were issued to Ainos KY, the controlling shareholder of the Company, in exchange for $800,000 in cash to support working capital of the Company in March 2022 (the â€œKY Noteâ€). The Company paid off $530,000 of the KY Note during the year ended December 31, 2023. The Company did not repay the KY Note during the three and nine months ended September 30, 2024. The KY Note bear an interest rate of 1.85% per annum. On August 17, 2023, the Company entered into extension agreements with Ainos KY to extend the maturity to March 31, 2025. Another note payable was issued to i2China Management Group, LLC (â€œi2Chinaâ€) in exchange for consulting services in 2020 (the â€œi2China Noteâ€) the Company paid off the remain outstanding amount of $42,000 with accrued interest on August 16, 2024. Â All of the aforementioned convertible promissory notes and other notes payable are unsecured and due upon maturity. Holders of convertible notes have the option to convert some or the entire unpaid principal and accrued interest to common stock of the Company. Â May 2027 Convertible Notes and Warrant Purchase Agreement Â On May 3, 2024, The Company entered into Convertible Note and Warrant Purchase Agreement with the ASE Test, Inc. (â€œASEâ€), a shareholder of Ainos KY, for the issuance of convertible promissory notes with 6% compound interest in the aggregate principal amount of $9,000,000 (collectively the â€œNotesâ€) convertible into shares of common stock, par value $0.01 per share, of the Company, payable three (3) years from May 3, 2024 as well as the issuance of warrants for the purchase of up to 500,000 shares of common stock at a price per share of $4.50, exercisable until May 3, 2029. As of September 30, 2024, the Company received the full amount of the payment. Â March 2025 Convertible Notes Â On March 13, 2023, the Company entered into two convertible promissory note purchase agreements pursuant to Regulation S of the Securities Act of 1933, as amended, in the total principal amount of $3,000,000 with the following investors (the â€œMarch 2025 Convertible Notesâ€ or â€œNotesâ€). Â Convertible Note Issued to ASE Test, Inc. (the â€œASE Noteâ€) Â Pursuant to the one of the aforementioned agreements, ASE Test, Inc., a shareholder of Ainos KY, committed to pay a total aggregate amount of $2,000,000 to the Company in exchange for convertible promissory note(s) in three tranches in the amounts of $1,000,000 (the â€œFirst Trancheâ€), $500,000 (the â€œSecond Trancheâ€), and $500,000 (the â€œThird Trancheâ€) conditioned, among other things, on the Company achieving certain business milestones. As of September 30, 2024, the Company received the full amount of the payment. Â Convertible Note Issued to Li-Kuo Lee (the â€œLee Noteâ€) Â The Company issued a convertible note in the principal amount of $1,000,000 to an unrelated party, Li-Kuo Lee, in exchange of $1,000,000 in cash. As of September 30, 2024, the Company received the full amount of the payment. Â The March 2025 Convertible Notes will mature in two years from the issuance dates, bearing interest at the rate of 6% compounded interest per annum. At any time after the issuance and before the maturity date, the Notes are convertible into the common stock of the Company at the conversion price of $7.50 per share, subject to anti-dilutive adjustment as set forth in the Notes. Unless previously converted, the Company shall repay the outstanding principal amount plus all accrued and unpaid interest on the maturity date. The Notes shall be an unsecured general obligation of the Company. Â The total interest expense of convertible notes payable, other notes payable, March 2025 Convertible Notes and May 2027 Convertible Notes and Warrant Purchase Agreement for the three and nine months ended September 30, 2024 were $185,078 and $349,292, respectively, compared with $41,227 and $86,151 for the same period in year 2023. As of September 30, 2024 and December 31, 2023, the unpaid accrued interest expense was $484,635 and $138,939, respectively. Â Â Senior Secured Convertible Notes Payable Â On September 25, 2023, the Company entered into a securities purchase agreement (the â€œSPAâ€) with Lind Global Fund II LP (the â€œLindâ€). The SPA provides for loans in an aggregate principal amount of up to $10,000,000 under various tranches to fund clinical trials, commercial product launch and working capital of the Company. The Lind Note does not bear any interest and matures on March 28, 2025. Â In 2023, the Company issued and sold to Lind, in a private placement, (a) a senior secured convertible promissory note in the aggregate principal amount of $3,540,000 (the â€œLind Noteâ€) and (b) warrants to purchase 691,244 shares of common stock at an exercise price of $4.50 per share of common stock (the â€œLind Warrantâ€) for a cash amount of $3,000,000. As of September 30, 2024, the Company received the full amount of the funding. Â Subject to the satisfaction of certain conditions, the Company has the right to request additional tranches of funding from Lind in the aggregate amount not to exceed $7.0 million (the â€œIncreased Funding Amountâ€). Lind will receive additional warrants to purchase a number of shares of common stock based on a formula set forth in the Securities Purchase Agreement. Such warrants will expire after five years from the date of issuance and may be exercised on a cashless basis. Â On January 23, 2024, the Company received an Increased Funding Amount of up to $1.75 million, with $875,000 funded at closing and $875,000 to be funded subject to an effective registration statement and other conditions specified in the Securities Purchase Agreement, and amended the Initial Note to, among other amendments, increase the principal amount to $4,235,000 (the Initial Note as so amended, the â€œNoteâ€). In connection with additional funding, the Company issued Lind a warrant to purchase 1,021,400 shares at an exercise price of $2.16 per share (the â€œSecond Lind Warrants and together with the First Lind Warrants, the â€œLind Warrantsâ€). Â Following the earlier to occur of (i) 90 days from the date of the SPA or (ii) the date the resale Registration Statement is declared effective by the SEC, the Lind Note is convertible into shares of the Companyâ€™s common stock at the option of Lind at any time with the conversion price at lower of $7.50 per share, subject to adjustment, or 90% of the average of the three lowest daily VWAP of the common stock during the 20 trading days prior to conversion, subject to certain adjustments. Â On August 2, 2024, the Company retired its remaining senior secured convertible debt (the â€œNoteâ€) with Lind Global Fund II LP, an institutional investment fund

managed by The Lind Partners (together the â€œInvestorâ€), as a result of conversions by the Investor and payments by the Company, which aggregates at a total of approximately US$1.67 million. The prepayment was made with $1,439,754 in cash and $224,842 through the issuance of 382,384 shares of Common Stock, valued at $0.588 per share. From an accounting perspective, the Lind Note is considered a debt host instrument embedded with an issuerâ€™s call and investorâ€™s contingent puts, and is issued at substantial discount. The Company elects the fair value option (the â€œFVOâ€) to account for the Lind Note at fair value and mark to market each quarter. For the three and nine months ended September 30, 2024, the change in the fair value of the Lind Note was recorded in the Statements of Operations in the amount of $177,212 and $275,624 respectively. No portion of the change in fair value was related to changes in credit risk of the Company which would be charged to other comprehensive loss if any. The Company has granted to Lind a senior security interest in all of the Companyâ€™s right, title, and interest in, to and under all of the Companyâ€™s property, subject to certain exceptions as set forth in the SPA. The issuance cost including a commitment fee charged by Lind, placement agent fee and warrants, and legal fees is $308,336, which is expensed off due to FVO election. Â Â X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R14.htm IDEA: XBRL DOCUMENT v3.24.3 Stockholdersâ€™ Equity 9 Months Ended Sep. 30, 2024 Equity [Abstract] Â Stockholdersâ€™ Equity 6. Stockholdersâ€™ Equity Â Preferred Stock Â The Company increased authorized shares of preferred stock from 10,000,000 shares to 50,000,000 shares upon the filing of an amendment to the Companyâ€™s Certificate of Formation with the Secretary of State of Texas on November 27, 2023. No shares of preferred stock were issued and outstanding as of September 30, 2024 and December 31, 2023. Â Common Stock Â During the three months ended September 30, 2024, the Company issued an additional 656,732 shares of common stock as a result of delivering conversion of the Lindâ€™s Note, 268,028 shares of common stock to settle vested RSUs, and 5,500,000 shares of common stock in patent licenses agreement. As of September 30, 2024, there were 13,813,434 shares of common stock legally issued and outstanding. Â Warrants Â As of September 30, 2024 and December 31, 2023, warrants issued and outstanding in connection with financing are summarized as below: Â Schedule of Warrants Issued and Outstanding Â Â September 30,Â Â December 31,Â (In number of shares)Â 2024Â Â 2023Â ASE Warrant with exercise price $4.5Â Â 500,000Â Â Â -Â Lind Warrant with exercise price from $2.16 to $4.50Â Â 1,201,944Â Â Â 691,244Â Public warrant with exercise price of $21.25Â Â 179,400Â Â Â 179,400Â Representativeâ€™s warrant with exercise price of $23.375Â Â 7,800Â Â Â 7,800Â Placement agent warrant with exercise price of $8.25Â Â 20,666Â Â Â 16,000Â TotalÂ Â 1,909,810Â Â Â 894,444Â Â As mentioned in Note 5, in connection with Convertible Note and Warrant Purchase Agreement with the ASE, the Company issued warrants to ASE for purchase of up to 500,000 shares of Common Stock at a price per share of $4.50, exercisable until May 3, 2029. Â As discussed in Note 5, the Company issued the Lind Warrants on September 28, 2023 in connection with the private placement of the Lind Note. The Company further issued 20,666 shares of warrants with an exercise price of $8.25 per share to the placement agent as the agent fee. Each warrant has a contractual term of 5 years and can be exercised for the purchase of one share of common stock of the Company. The carrying amount of the Lind Warrant is nil after allocating proceeds to the Lind Note measured at fair value. The fair value of the placement agent warrant is estimated as $21,479 using the Black-Scholes Model. Â As disclosed in Note 1, the Company issued public warrants together with common stock in connection with its underwritten public offering effective August 8, 2022. The Company further issued private warrants to Maxim Group LLC, as representative of the underwriter pursuant to an underwriting agreement. Each warrant has a contractual term of 5 years, expiring on August 8, 2027, and can be exercised for the purchase of one share of common stock of the Company. Â The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the instrumentsâ€™ specific terms and applicable authoritative guidance in ASC 480, Distinguishing Liabilities from Equity (the â€œASC480), and ASC 815, Derivatives and Hedging (the â€œASC 815â€). The assessment considers whether the instruments are free standing financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and whether the instruments meet all of the requirements for equity classification under ASC 815, including whether the instruments are indexed to the Companyâ€™s own common shares and whether the instrument holders could potentially require â€œnet cash settlementâ€ in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent period end date while the instruments are outstanding. Management has concluded that the warrants issued in connection with the underwritten public offering and the private placement of Lind Note qualify for equity accounting treatment and are recorded as additional paid-in capital. Â Â In addition, the warrant issued by the Company to i2China in 2020 in exchange for consulting services is accounted for under ASC 718, Compensation â€“ Stock Compensation (see Note 8). Â As of September 30, 2024, none of the warrants have been exercised nor have expired. Â X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-6Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(e)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/505/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 16 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-16Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18 + Details Name: us-gaap_StockholdersEquityNoteDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R15.htm IDEA: XBRL DOCUMENT v3.24.3 Revenue 9 Months Ended Sep. 30, 2024 Revenue Recognition and Deferred Revenue [Abstract] Â Revenue 7. Revenue Â Revenue is recognized upon shipment of products based upon contractually stated pricing at standard payment terms within 30 to 60 days. The revenue generated by product sales is recognized at point in time. Â The Company generated revenue from sales of COVID-19 Antigen Rapid Test Kits in the Taiwan market for the three and nine months ended September 30, 2023. There was no revenue recognized from performance obligation satisfied or partially satisfied in prior periods, nor were there any unsatisfied performance obligations related to the sales of COVID-19 Test Kits as of September 30, 2024 and December 31, 2023. Â The Company generated revenue from sales of VELDONA Pet cytoprotein supplements in the Taiwan market through on-line platforms that were recognized after the expiration of right of return which was offered for a limited time. Revenue from sales through off-line distribution channels was recognized based on the amount of consideration that we expected to receive, reduced by estimates for return allowances, promotional discounts, and fees. Nil of contract liabilities was recorded for the cash received in advance from distribution channels as of September 30, 2024. Â Return Allowances Â Return allowances, which reduce revenue and cost of sales, are estimated using historical experience. Liabilities for return allowances are included in â€œAccrued expenses and others current liabilitiesâ€. Â Variable consideration Â We record revenue from customers in an amount that reflects the transaction price we expect to be entitled to after transferring control of those goods. From time to time, we offer product sales promotions such as discounts. Variable consideration is estimated at contract inception only to the extent that it is probable that a significant reversal of revenue will not occur. Â X - DefinitionThe entire disclosure for deferred revenues at the end of the reporting period, and description and amounts of significant changes that occurred during the reporting period. Deferred revenue is a liability as of the balance sheet date related to a revenue producing activity for which revenue has not yet been recognized. Generally, an entity records deferred revenue when it receives consideration from a customer before achieving certain criteria that must be met for revenue to be recognized in conformity with GAAP. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 430 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/430/tableOfContent + Details Name: us-gaap_DeferredRevenueDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueRecognitionAndDeferredRevenueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 27 R16.htm IDEA: XBRL DOCUMENT v3.24.3 Share-Based Compensation 9 Months Ended Sep. 30, 2024 Share-Based Payment Arrangement [Abstract] Â Share-Based Compensation 8. Share-Based Compensation Â 2023 Stock Incentive Plan Â The Company effectuated an amendment to its 2021 Stock Incentive Plan, now restated as the Company 2023 Stock Incentive Plan (the â€œ2023 SIPâ€ or â€œPlanâ€) which includes, among other things, a change in the number of reserved shares under the Plan. Under the 2023 SIP, subject to a change in capital structure or a change in control, the aggregate number of shares which may be issued or transferred pursuant to awards under the Plan will be equal to up to twenty percent (20%) of shares of outstanding common stock of the Company existing as of December 31st of the previous calendar year (the â€œPlan Share Reserveâ€). Upon the effectiveness of the 2023 SIP on June 14, 2023, the aggregate number of shares which may be issued pursuant to awards under the Plan is 871,075 shares of common stock, including shares that remained available for grant under the 2021 Stock Incentive Plan. On July 19, 2024, the Company filed Form S-8 to increase the aggregate number of shares may be issued to 946,432 shares of common stock including shares that remained available for grant under the 2021 Stock Incentive Plan. As of September 30, 2024, 1,816,632 shares have been granted under the 2023 SIP. Â Â 2021 Stock Incentive Plan Â On September 28, 2021, the Companyâ€™s board of directors, and on May 16, 2022, its shareholders approved the 2021 Stock Incentive Plan (the â€œ2021 SIPâ€). During the period from January 1, 2023 up to the date that the prior plan was superseded by the 2023 SIP, no shares were granted under the 2021 SIP. Â 2021 Employee Stock Purchase Plan Â On September 28, 2021, the Companyâ€™s board of directors, and on May 16, 2022, its shareholders approved the 2021 Employee Stock Purchase Plan (the â€œ2021 ESPPâ€). As of September 30, 2024, no shares were issued under the 2021

ESPP. Â Restricted Stock Units (â€œRSUsâ€) Â RSUs entitle the recipient to be paid out an equal number of common stock shares upon vesting. The fair value of RSUs is based on market price of the underlying stock on the date of grant. A summary of the Companyâ€™s RSUs activity and related information for the three and nine months ended September 30, 2024 and for the three and nine months ended September 30, 2023 were as follows: Â Schedule of Restricted Stock Units Â Â 2024Â Â 2023Â Â Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Unvested balance at January 1Â Â 954,306Â Â $4.39Â Â Â 160,000Â Â $12.08Â RSUs grantedÂ Â -Â Â $-Â Â Â -Â Â $-Â RSUs vestedÂ Â (133,964)Â $5.74Â Â Â (5,866)Â $55.50Â RSUs forfeitedÂ Â (5,950)Â $3.46Â Â Â (7,600)Â $7.15Â Unvested balance at March 31Â Â 814,392Â Â $4.18Â Â Â 146,534Â Â $10.60Â RSUs grantedÂ Â -Â Â Â -Â Â Â -Â Â Â -Â RSUs vestedÂ Â -Â Â Â -Â Â Â (20,220)Â $6.69Â RSUs forfeitedÂ Â (4,410)Â $4.16Â Â Â (6,970)Â $6.38Â Unvested balance at June 30Â Â 809,982Â Â $4.18Â Â Â 119,344Â Â $11.51Â RSUs grantedÂ Â 946,432Â Â $0.53Â Â Â 870,200Â Â $3.46Â RSUs vestedÂ Â (268,028)Â $1.91Â Â Â -Â Â Â -Â RSUs forfeitedÂ Â (8,400)Â $3.46Â Â Â (8,220)Â $3.92Â Unvested balance at September 30Â Â 1,479,986Â Â $2.26Â Â Â 981,324Â Â $4.43Â Â Stock Options and Warrants Â During the three and nine months ended September 30, 2024 and 2023, no shares were granted, forfeited, expired or exercised. As of September 30, 2024, there were 7,332 shares in the form of stock options and 6,034 shares in the form of warrants outstanding are all vested and exercisable.Â Share-Based Compensation Expense Â Shared-based compensation expense for the three and nine months ended September 30, 2024 ware $470,791 and $1,318,868, respectively, compared to the three and nine months ended September 30, 2023 amount of $324,842 and $682,833, respectively. Â As of September 30, 2024, the total unrecognized compensation cost related to outstanding RSUs, stock options and warrants was $2,461,580, which the Company expects to recognize over a weighted-average period of 1.86 years. Â Â X - DefinitionThe 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/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 (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)(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 (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 28 R17.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes 9 Months Ended Sep. 30, 2024 Income Tax Disclosure [Abstract] Â Income Taxes 9. Income Taxes Â The Company did not record a federal, state, or foreign income tax provision or benefit for the three and nine months ended September 30, 2024 and 2023 due to the expected loss before income taxes to be incurred for the years ended December 31, 2024 and 2023, as well as the Companyâ€™s continued maintenance of a full valuation allowance against its net deferred tax assets due to its historical deficit. Â X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R18.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss per Common Share 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Net Loss per Common Share 10. Net Loss per Common Share Â The following table sets forth the computation of the basic and diluted net loss per share attributable to common stockholders: Â Schedule of Basic and Diluted Net Loss Per Share Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Net loss attributable to common stockholders, basic and dilutedÂ $(3,699,317)Â $(2,975,846)Â $(10,209,149)Â $(7,846,048) Weighted-average number of shares used in computing net loss per share attributable to common stockholders, basic and dilutedÂ Â 11,279,220Â Â Â 4,058,413Â Â Â 7,868,997Â Â Â 4,026,756Â Net loss per share attributable to common stockholders, basic and dilutedÂ $(0.33)Â $(0.73)Â $(1.30)Â $(1.95) Â The following potentially dilutive securities have been excluded from the computations of diluted weighted average shares outstanding because they would be anti-dilutive: Â Schedule of Computations of Diluted Weighted Average Shares Outstanding Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Option and RSUs to purchase common stockÂ Â 1,487,318Â Â Â 988,656Â Â Â 1,487,318Â Â Â 988,656Â Warrants to purchase to common stockÂ Â 1,915,844Â Â Â 664,730Â Â Â 1,915,844Â Â Â 664,730Â Convertible note to purchase common stockÂ Â 2,480,565Â Â Â 1,329,709Â Â Â 2,480,565Â Â Â 1,329,709Â Total potential sharesÂ Â 5,883,727Â Â Â 2,983,095Â Â Â 5,883,727Â Â Â 2,983,095Â Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R19.htm IDEA: XBRL DOCUMENT v3.24.3 Related Party Transactions 9 Months Ended Sep. 30, 2024 Related Party Transactions [Abstract] Â Related Party Transactions 11. Related Party Transactions Â The following is a summary of related party transactions that met our disclosure threshold: Â Working Capital Advances Â The proceeds of the KY Note and ASE Note (see Note 5) were used for working capital advances. The total interest expense incurred in related to the notes for the three and nine months ended September 30, 2024 were $168,950 and $301,805, respectively, compared to $26,103 and $52,944, for the three and nine months ended September 30, 2023, respectively. As of September 30, 2024 and December 31, 2023, unpaid accrued interest expenses were $389,437 and $87,632, respectively. Â Purchase and Sales Â Ainos COVID-19 Test Kits Sales and Marketing Agreement with Ainos KY Â On June 14, 2021, the Company entered into an exclusive agreement with Ainos KY to serve as the master sales and marketing agent for the Ainos COVID-19 Antigen Rapid Test Kit and COVID-19 Nucleic Acid Test Kit which were developed and manufactured by Taiwan Carbon Nano Technology Corporation (the â€œTCNTâ€), a controlling shareholder of Ainos KY (the â€œSales and Marketing Agreementâ€). On June 7, 2021, the Taiwan Food and Drug Administration (the â€œTFDAâ€) approved emergency use authorization (the â€œEUAâ€) to TCNT for the Ainos COVID-19 Antigen Rapid Test Kit sold and marketed under the â€œAinosâ€ brand in Taiwan. On June 21, 2022, the Company began marketing the Ainos SARS-CoV-2 Antigen Rapid Self-Test (together with Ainos COVID-19 Antigen Rapid Test Kit, the â€œCOVID-19 Antigen Rapid Test Kitsâ€) under a separate EUA issued by the TFDA to TCNT on June 13, 2022. Â Â The Company incurred costs associated with manufacturing COVID-19 Antigen Rapid Test Kits by TCNT pursuant to the Sales and Marketing Agreement, totaling nil for the three and nine months ended September 30, 2024 compared with the amount for the three and nine months ended September 30, 2023 of nil and $46,635 respectively. Â Manufacturing Service Agreement with TNCT for the VELDONA Pet cytoprotein supplements Â On August 28, 2023, the Company entered into a manufacturing service agreement with TCNT, together with another third-party vendor, to manufacture pet supplement products. The Company incurred costs totaling $39,523 for the three and nine months ended September 30, 2023 and nil for the three and nine months ended September 30, 2024. Â As of September 30, 2024 and December 31, 2023, the accounts payable to TCNT were nil and $323, respectively; and prepayment for COVID-19 Antigen Rapid Test Kits were $16,785 and $27,208, respectively. Â COVID-19 Antigen Rapid Test Kits Sales Â The Company sold COVID-19 Antigen Rapid Test Kits to affiliates of ASE Test Inc., totaling nil for the three and nine months ended September 30, 2024 compared with the three and nine months ended September 30, 2023 amount of $21,224 and $33,765, respectively. As of September 30, 2024, and December 31, 2023, the accounts receivable to aforementioned related parties were nil, respectively. Â Product Co-development Agreement Â Pursuant to a five-year Product Co-development Agreement effective on August 1, 2021 (the â€œProduct Co-Development Agreementâ€) with TCNT, the development expenses incurred were $98,823 and $290,661 for the three and nine months ended September 30,2024, respectively, compared to $135,606 and $287,802 for the three and nine months ended September 30, 2023, respectively. Â As part of the Addendum Agreement entered on July 8, 2024, TCNT provided non-exclusive use of certain patents related to VOC and POCT technologies for a monthly fee of $95,000 (plus 5% indirect tax), with negotiable payment terms for extend another three months from July 2024 to September 2024. The fee for non-exclusive use of patents were $286,675 and $856,537 for the three and nine months ended September 30, 2024 and nil for the three and nine months ended September 30, 2023, respectively. Advance payment $33,830 and $ 26,511 as of September 30, 2024 and December 31, 2023, respectively. Â Patent license agreement Â On August 6, 2024, the Company entered into a patent license agreement (the â€œLicense Agreementâ€) with TCNT, as an effort to bolster the Companyâ€™s AI Nose and point-of-care testing (POCT) technologies while preserving cash. As of August 5, 2024, prior to TCNT entering into the License Agreement, TCNT controlled, via its majority interest in Ainos Inc., a Cayman Islands corporation (â€œAinos KYâ€) which is a party to certain previously disclosed Voting Agreements, approximately 38% of the voting power of the Company. Pursuant to the License Agreement, TCNT has agreed to assign and grant, and the Company has agreed to accept, an exclusive, irrevocable, and perpetual license of certain invention patents and patent applications related to gas sensors and medical devices (the â€œLicensed Patentsâ€), in exchange for 5,500,000 shares of the Companyâ€™s common stock (the â€œCommon Stockâ€), at a price per share of 1.05 times the highest closing sale price of the Common Stock during the 30-trading day period preceding the effective date of the License Agreement. The License Agreement shall remain in effect until terminated by mutual written agreement of the parties, or until the expiration of the Licensed Patents, or all claims for alleged infringement of the Licensed Patents are barred by applicable laws. Following the issuance of the 5.5 million shares of stock, TCNT controls the company through its majority interest in Ainos KY, and its direct ownership in the Company. Ainos KY is a shareholder of the Company and a party to certain previously disclosed Voting Agreements, and controls approximately 62.8% of the Companyâ€™s voting power as of November 6, 2024. Â Miscellaneous Â The Company engaged Ms. Chien-Hsuan Huang as a medical device development consultant in September 2022 for one year. Ms. Huang is the spouse of one of the board of directors of the Company. The R&D expense was nil for the three and nine months ended September 30, 2024 and $12,377 and $51,721 for the three and nine months ended September 30, 2023, respectively. Â X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1 + Details Name: us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R20.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and Contingencies 9 Months Ended Sep. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Commitments and Contingencies 12. Commitments and Contingencies Â The Company operates in an industry characterized by extensive patent litigation. Competitors may claim that the Companyâ€™s

products infringe upon their intellectual property. Resolution of patent litigation or other intellectual property claims is typically time consuming and costly and can result in significant damage awards and injunctions that could prevent the manufacture and sale of the affected products or require the Company to make significant royalty payments in order to continue selling the affected products. As of September 30, 2024, there were no such commitments or contingencies. Â The company record for the cash received in advance $110,142 as contract liabilities from distribution channels, the company will expect to realize the revenue in the near future, however, there can be adjusted due to the companyâ€™s strategy. Â X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R21.htm IDEA: XBRL DOCUMENT v3.24.3 Subsequent Events 9 Months Ended Sep. 30, 2024 Subsequent Events [Abstract] Â Subsequent Events 13. Subsequent Events Â Related Party Transaction Â Extend agreements Â As part of the Addendum Agreement entered into on October 16, 2024 as disclosed in Note 11, TCNT will provide exclusive use of certain patents related to VOC, POCT and nitrogen-oxygen separation machine technologies for a monthly fee of $50,000 (plus 5% indirect tax) for twelve months from October 16, 2024, with negotiable payment terms. Â Repayment of note payable (the â€œKY Noteâ€) Â On October 7, 2024, the company has repaid the remaining note payable principal amount of $270,000 with accrued interest to Ainos KY, the controlling shareholder of the Company. X - ReferencesNo definition available. + Details Name: us-gaap_SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R22.htm IDEA: XBRL DOCUMENT v3.24.3 Summary of Significant Accounting Policies (Policies) 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Basis of Presentation Basis of Presentation Â The accompanying condensed financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (the â€œGAAPâ€) and pursuant to the accounting disclosure rules and regulations of the Securities and Exchange Commission (the â€œSECâ€) regarding interim financial reporting. Certain information and note disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these condensed financial statements should be read in conjunction with the financial statements and notes included in the Companyâ€™s audited financial statements as of and for the year ended December 31, 2023 contained in the Annual Report on Form 10-K filed with the SEC on March 8, 2024. Â In the opinion of management, the accompanying condensed financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, and cash flows for the interim periods. The results for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter, the year ending December 31, 2024, or any other period. Â There have been no material changes to the Companyâ€™s significant accounting policies as described in the audited financial statements as of December 31, 2023. Â Use of Estimates Use of Estimates Â The preparation of condensed financial statements in conformity with GAAP requires management to make certain estimates, judgments, and assumptions that affect the reported amounts of assets and liabilities and disclosures as of the date of the condensed financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on various factors, including historical experience, and on various other assumptions that are believed to be reasonable under the circumstances, when these carrying values are not readily available from other sources. Significant items subject to estimates and assumptions include useful lives of property and equipment, valuation of stock option, warrants and convertible notes measured at fair value, and impairment testing of intangible assets. Actual results may differ from these estimates. Â Liquidity Liquidity Â As of September 30, 2024, the Company had cash and cash equivalents of $5,156,606. The Company plans to finance its operations and development needs with its existing cash and cash equivalents, additional equity and/or debt financing arrangements, to support the Companyâ€™s clinical trial activities, largely in connection with Ainos Flora and human related VELDONA therapeutics. There can be no assurance that the Company will be able to obtain additional financing on terms acceptable to the Company, on a timely basis, or at all. Â For the nine months ended September 30, 2024, the Company generated a net loss of $10,209,149. The Company expects to continue incurring development expenses for the next twelve months as the Company advances Ainos Flora and VELDONA therapeutics for humans through clinical development until regulatory approval is received and the sales and marketing of the products is authorized. Â The financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has incurred net operating losses since inception and has an accumulated deficit as of September 30, 2024 of $48,095,304 and expects to incur additional losses and negative operating cash flows for at least the next twelve months. The Companyâ€™s ability to meet its obligations is dependent upon its ability to generate sufficient cash flows from operations and future financing transactions. Â Â Segments Segments Â Operating segments are defined as components of an entity for which separate financial information is available and that is regularly reviewed by the chief operating decision maker (the â€œCODMâ€) in deciding how to allocate resources to an individual segment and in assessing performance. The Companyâ€™s Chief Executive Officer is the Companyâ€™s CODM. The CODM reviews financial information prepared on the basis of accounting policy disclosed in its annual financial statement for purposes of making operating decisions, allocating resources, and evaluating financial performance of the Company. As such, the Company has determined that it operates as one operating segment. Â Impairment of Intangible Assets Impairment of Intangible Assets Â The Company reviews its definite-lived intangibles and other long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be fully recoverable. When such events occur, management determines whether there has been impairment by comparing the anticipated undiscounted future net cash flows to the carrying value of the asset or asset group. If impairment exists, the assets are written down to their estimated fair value. No impairment of definite-lived intangible and long-lived assets was recorded for the three and nine months ended September 30, 2024 and 2023. Â Fair Value Option Fair Value Option Â ASC 825-10, Financial Instruments, provides a fair value option (the â€œFVOâ€) election that allows companies an irrevocable election to use fair value as the initial and subsequent accounting measurement attribute for certain financial assets and liabilities. ASC 825-10 permits entities to elect to measure eligible financial assets and liabilities at fair value on an ongoing basis. Unrealized gains and losses on items for which the FVO has been elected are reported in earnings, except for the effect of changes in own credit, which are recognized in other comprehensive income/loss. The decision to elect the FVO is determined on an instrument-by-instrument basis, must be applied to an entire instrument and is irrevocable once elected. Assets and liabilities measured at fair value pursuant to ASC 825-10 are required to be reported separately from those instruments measured using another accounting method. Â The Company elected to account for the senior secured convertible notes issued to Lind Global Fund II LP (the â€œLind Noteâ€) using FVO, which allows for valuing the Lind Note at fair value in its entirety versus bifurcation of the embedded derivatives (see Note 5). The fair value of the Lind Note is determined using a binomial lattice valuation model, which is widely used for valuing convertible notes. The significant assumptions used in the model is volatility of the Companyâ€™s common stock. If different assumptions are used, the fair value of the convertible notes and the change in estimated fair value could be materially different. A significant increase in the volatility of the market price of the Companyâ€™s common stock, in isolation, would result in a significantly higher fair value; and a significant decrease in volatility would result in a significantly lower fair value. Â Recent Accounting Pronouncements Adopted Recent Accounting Pronouncements Adopted Â On January 1, 2023, the Company adopted Accounting Standards Update (the â€œASUâ€) 2016-13 (the â€œASU 2016-13â€), Financial Instrumentsâ€”Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, which the Financial Accounting Standards Board (the â€œFASBâ€) issued in June 2016. The new standard changes the accounting for credit losses for financial assets and certain other instruments, including trade receivables and contract assets that are not measured at fair value through net income. Under legacy standards, the Company recognizes an impairment of receivables when it was probable that a loss had been incurred. Under the new standard pursuant to ASU 2016-13, the Company is required to recognize estimated credit losses expected to occur over the estimated life or remaining contractual life of an asset (which includes losses that may be incurred in future periods) using a broader range of information including reasonable and supportable forecasts about future economic conditions. The guidance is effective for smaller reporting companies (the â€œSRCâ€) as defined by the SEC for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years with early adoption permitted. The Companyâ€™s adoption of this new guidance did not have a material impact on the Companyâ€™s financial statements and related disclosure. Â Â On January 1, 2023, the Company early adopted ASU 2020-06 (the â€œASU 2020-06â€), Debtâ€”Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedgingâ€”Contracts in Entityâ€™s Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entityâ€™s Own Equity, which simplifies accounting for convertible instruments by removing major separation models required under current GAAP. ASU 2020-06 as issued by FASB in August 2020 removes certain settlement conditions that are required for equity contracts to qualify for the derivative scope exception, and it also simplifies the diluted earnings per share calculation in certain areas. ASU 2020-06 is effective for SRCâ€™s fiscal years beginning after December 15, 2023, including interim periods within those fiscal years, with early adoption permitted. The Companyâ€™s early adoption of this new guidance did not have a material impact on its financial statements and related disclosures. Â Accounting Standards Issued but Not Yet Adopted Accounting Standards Issued but Not Yet Adopted Â No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Companyâ€™s financial statements. X - DefinitionLiquidity [Policy Text Block] + ReferencesNo definition available. + Details Name: AIMD_LiquidityPolicyTextBlock Namespace Prefix: AIMD_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionNew Accounting Pronouncements Issued But Not Yet Adopted [Policy Text Block] + ReferencesNo definition available. + Details Name: AIMD_NewAccountingPronouncementsIssuedButNotYetAdoptedPolicyTextBlock Namespace Prefix: AIMD_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for determining the fair value of financial instruments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 825 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-1 + Details Name: us-gaap_FairValueOfFinancialInstrumentsPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for recognizing and measuring the impairment of long-lived assets. An entity also may disclose its accounting policy for long-lived assets to be sold. This policy excludes goodwill and intangible assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.CC) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480091/360-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 05 -Paragraph 4 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482338/360-10-05-4 + Details Name: us-gaap_ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for segment reporting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 36 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-36Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 29 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-29 + Details Name: us-gaap_SegmentReportingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 11 -SubTopic

10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification - Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-12Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-8 + Details Name: us-gaap_UseOfEstimates Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R23.htm IDEA: XBRL DOCUMENT v3.24.3 Inventory (Tables) 9 Months Ended Sep. 30, 2024 Inventory Disclosure [Abstract] Â Schedule of Inventory Inventory stated at cost, net of reserve, consisted of the following: Â Schedule of Inventory Â Â September 30,Â Â December 31,Â Â Â 2024Â Â 2023Â Raw materialsÂ $88,765Â Â $92,708Â Work in processÂ Â 1,171Â Â Â Â 1,208Â Finished goodsÂ Â 70,765Â Â Â 73,677Â TotalÂ $160,701Â Â $167,593Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification - Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 - Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R24.htm IDEA: XBRL DOCUMENT v3.24.3 Convertible Notes Payable and Other Notes Payable (Tables) 9 Months Ended Sep. 30, 2024 Debt Disclosure [Abstract] Â Schedule of Notes Payable As of September 30, 2024 and December 31, 2023, the respective notes payable were as follows: Â Schedule of Notes Payable Â Â September 30, 2024Â Â December 31, 2023Â Other notes payable, related party â€" currentÂ $270,000Â Â $42,000Â Other notes payable, related party - noncurrentÂ Â -Â Â Â 270,000Â March 2025 Convertible Notes, related party â€" noncurrent (ASE Note)Â Â -Â Â Â 2,000,000Â March 2025 Convertible Notes, related party â€"current (ASE Note)Â Â 2,000,000Â Â Â -Â March 2025 Convertible Notes â€" noncurrent (Lee Note)Â Â -Â Â Â 1,000,000Â March 2025 Convertible Notes â€"current (Lee Note)Â Â 1,000,000Â Â Â -Â Senior secured convertible notes payable (Lind Note) - fair valueÂ Â -Â Â Â 2,651,556Â May 2027 Convertible Notes, related party â€" noncurrent (ASE Note)Â Â 9,000,000Â Â Â -Â Notes payableÂ $12,270,000Â Â $5,963,556Â X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of information pertaining to short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary to a fair presentation. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfDebtTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R25.htm IDEA: XBRL DOCUMENT v3.24.3 Stockholdersâ€™ Equity (Tables) 9 Months Ended Sep. 30, 2024 Equity [Abstract] Â Schedule of Warrants Issued and Outstanding As of September 30, 2024 and December 31, 2023, warrants issued and outstanding in connection with financing are summarized as below: Â Schedule of Warrants Issued and Outstanding Â Â September 30,Â Â December 31,Â (In number of shares)Â 2024Â Â 2023Â ASE Warrant with exercise price $4.5Â Â 500,000Â Â Â -Â Lind Warrant with exercise price from $2.16 to $4.50Â Â 1,201,944Â Â Â 691,244Â Public warrant with exercise price of $21.25Â Â 179,400Â Â Â 179,400Â Representativeâ€™s warrant with exercise price of $23.375Â Â 7,800Â Â Â 7,800Â Placement agent warrant with exercise price of $8.25Â Â 20,666Â Â Â 16,000Â TotalÂ Â 1,909,810Â Â Â 894,444Â X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of warrants or rights issued. Warrants and rights outstanding are derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months. Disclose the title of issue of securities called for by warrants and rights outstanding, the aggregate amount of securities called for by warrants and rights outstanding, the date from which the warrants or rights are exercisable, and the price at which the warrant or right is exercisable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-1 + Details Name: us-gaap_ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R26.htm IDEA: XBRL DOCUMENT v3.24.3 Share-Based Compensation (Tables) 9 Months Ended Sep. 30, 2024 Share-Based Payment Arrangement [Abstract] Â Schedule of Restricted Stock Units Â Schedule of Restricted Stock Units Â Â 2024Â Â 2023Â Â Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Â Number of SharesÂ Â Weighted-Average Grant Date Fair Value Per ShareÂ Unvested balance at January 1Â Â 954,306Â Â $4.39Â Â Â 160,000Â Â $12.08Â RSUs grantedÂ Â -Â Â $-Â Â Â -Â Â $-Â RSUs vestedÂ Â (133,964)Â $5.74Â Â Â (5,866)Â $55.50Â RSUs forfeitedÂ Â (5,950)Â $3.46Â Â Â (7,600)Â $7.15Â Unvested balance at March 31Â Â 814,392Â Â $4.18Â Â Â 146,534Â Â $10.60Â RSUs grantedÂ Â -Â Â Â -Â Â Â -Â Â Â -Â RSUs vestedÂ Â -Â Â Â -Â Â Â (20,220)Â $6.69Â RSUs forfeitedÂ Â (4,410)Â $4.16Â Â Â (6,970)Â $6.38Â Unvested balance at June 30Â Â 809,982Â Â $4.18Â Â Â 119,344Â Â $11.51Â RSUs grantedÂ Â 946,432Â Â $0.53Â Â Â 870,200Â Â $3.46Â RSUs vestedÂ Â (268,028)Â $1.91Â Â Â -Â Â Â -Â RSUs forfeitedÂ Â (8,400)Â $3.46Â Â Â (8,220)Â $3.92Â Unvested balance at September 30Â Â 1,479,986Â Â $2.26Â Â Â 981,324Â Â $4.43Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the change in restricted stock units (RSUs). + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfUnvestedRestrictedStockUnitsRollForwardTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R27.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss per Common Share (Tables) 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Schedule of Basic and Diluted Net Loss Per Share The following table sets forth the computation of the basic and diluted net loss per share attributable to common stockholders: Â Schedule of Basic and Diluted Net Loss Per Share Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Net loss attributable to common stockholders, basic and dilutedÂ $(3,699,317)Â $(2,975,846)Â $(10,209,149)Â $(7,846,048) Weighted-average number of shares used in computing net loss per share attributable to common stockholders, basic and dilutedÂ Â 11,279,220Â Â Â 4,058,413Â Â Â 7,868,997Â Â Â 4,026,756Â Net loss per share attributable to common stockholders, basic and dilutedÂ $(0.33)Â $(0.73)Â $(1.30)Â $(1.95) Schedule of Computations of Diluted Weighted Average Shares Outstanding The following potentially dilutive securities have been excluded from the computations of diluted weighted average shares outstanding because they would be anti-dilutive: Â Schedule of Computations of Diluted Weighted Average Shares Outstanding Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Â Â Three Months Ended September 30,Â Â Nine Months Ended September 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Option and RSUs to purchase common stockÂ Â 1,487,318Â Â Â 988,656Â Â Â 1,487,318Â Â Â 988,656Â Warrants to purchase to common stockÂ Â 1,915,844Â Â Â 664,730Â Â Â 1,915,844Â Â Â 664,730Â Convertible note to purchase common stockÂ Â 2,480,565Â Â Â 1,329,709Â Â Â 2,480,565Â Â Â 1,329,709Â Total potential sharesÂ Â 5,883,727Â Â Â 2,983,095Â Â Â 5,883,727Â Â Â 2,983,095Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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 + Details Name: us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock 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 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 39 R28.htm IDEA: XBRL DOCUMENT v3.24.3 Description of Business (Details Narrative) - $ / shares Dec. 14, 2023 May 16, 2022 Sep. 30, 2024 Dec. 31, 2023 Nov. 27, 2023 Nasdaq's minimum price per share Â Â Â Â $ 1.00 Common stock, par value Â Â $ 0.01 $ 0.01 Â Common Stock [Member] Â Â Â Â Â Reverse stock split 1-for-5 1-for-15 reverse stock split Â Â Â X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionDescription of the reverse stock split arrangement. Also provide the retroactive effect given by the reverse split that occurs after the balance sheet date but before the release of financial statements. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 4 -Subparagraph (SAB Topic 4.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-4 + Details Name: us-gaap_StockholdersEquityReverseStockSplit Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 40 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Summary of Significant Accounting Policies (Details Narrative) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Dec. 31, 2023 Accounting Policies [Abstract] Â Â Â Â Â Cash and cash equivalents $ 5,156,606 Â $ 5,156,606 Â $ 1,885,628 Net loss (3,699,317) $ (2,975,846) (10,209,149) $ (7,846,048) Â Accumulated deficit (48,095,304) Â (48,095,304) Â $ (37,886,155) Impairment of intangible assets, definite-lived $ 0 $ 0 $ 0 $ 0 Â X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 - Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of impairment loss resulting from write-down of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit to fair value. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification - Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-3Reference 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/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ImpairmentOfIntangibleAssetsIndefinitelivedExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 - Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 - Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef - Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 - Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 - Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef - Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19:

http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 41 R30.htm IDEA: XBRL DOCUMENT v3.24.3 Cash and Cash Equivalents (Details Narrative) Sep. 30, 2024 USD ($) Sep. 30, 2024 TWD ($) Dec. 31, 2023 USD ($) Dec. 31, 2023 TWD ($) Cash and Cash Equivalents [Abstract] Â Â Â Â Cash FDIC insured amount $ 250,000 Â Â Â Excess of FDIC insured limits 230,115 Â $ 1,557,487 Â Cash CDIC insured amount $ 94,750 $ 3,000,000 Â Â Excess of CDIC insured limits Â $ 4,557,900 Â $ 0 X - DefinitionCash CDIC insured amount. + ReferencesNo definition available. + Details Name: AIMD_CashCDICInsuredAmount Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionExcess of CDIC insured limits. + ReferencesNo definition available. + Details Name: AIMD_ExcessOfCDICInsuredLimits Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionExcess of Fdic insured limits. + ReferencesNo definition available. + Details Name: AIMD_ExcessOfFdicInsuredLimits Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_CashAndCashEquivalentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of cash deposited in financial institutions as of the balance sheet date that is insured by the Federal Deposit Insurance Corporation. + ReferencesNo definition available. + Details Name: us-gaap_CashFDICInsuredAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 42 R31.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Inventory (Details) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Inventory Disclosure [Abstract] Â Â Raw materials $ 88,765 $ 92,708 Work in process 1,171 1,208 Finished goods 70,765 73,677 Total $ 160,701 $ 167,593 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before valuation and LIFO reserves of completed merchandise or goods expected to be sold within one year or 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(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoods Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or 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(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterials Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before valuation and LIFO reserves of merchandise or goods in the production process expected to be completed within one year or 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(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcess Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 43 R32.htm IDEA: XBRL DOCUMENT v3.24.3 Inventory (Details Narrative) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Inventory Disclosure [Abstract] Â Â Â Â Inventory write-downs net realizable values $ 63,457 $ 120,931 X - DefinitionInventory writedowns net realizable values. + ReferencesNo definition available. + Details Name: AIMD_InventoryWritedownsNetRealizableValues Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 44 R33.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Notes Payable (Details) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Short-Term Debt [Line Items] Â Â Other notes payable, related party â€“ current $ 270,000 $ 42,000 May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) 9,000,000 3,000,000 March 2025 Convertible Notes â€“current (Lee Note) 3,000,000 Senior secured convertible notes payable (Lind Note) - fair value 2,651,556 Notes payable 12,270,000 5,963,556 Senior Secured Convertible Notes [Member] Â Â Short-Term Debt [Line Items] Â Â Senior secured convertible notes payable (Lind Note) - fair value 2,651,556 Related Party [Member] Â Â Short-Term Debt [Line Items] Â Â Other notes payable, related party â€“ current 270,000 42,000 Other notes payable, related party - noncurrent 270,000 May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) 9,000,000 2,000,000 March 2025 Convertible Notes â€“current (Lee Note) 2,000,000 Related Party [Member] | March 2025 Convertible Notes [Member] Â Â Short-Term Debt [Line Items] Â Â May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) 2,000,000 March 2025 Convertible Notes â€“current (Lee Note) 2,000,000 Related Party [Member] | May 2027 Convertible Notes [Member] Â Â Short-Term Debt [Line Items] Â Â May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) 9,000,000 Nonrelated Party [Member] | March 2025 Convertible Notes One [Member] Â Â Short-Term Debt [Line Items] Â Â May 2027 Convertible Notes, related party â€“ noncurrent (ASE Note) 1,000,000 March 2025 Convertible Notes â€“current (Lee Note) $ 1,000,000 X - DefinitionFair value portion of borrowing which can be exchanged for a specified number of another security at the option of the issuer or the holder, for example, but not limited to, the entity's common stock. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_ConvertibleDebtFairValueDisclosures Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of long-term debt (with maturities initially due after one year or beyond the operating cycle if longer) identified as Convertible Notes Payable, excluding current portion. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -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_ConvertibleLongTermNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of the portion of long-term debt due within one year or the operating cycle if longer identified as Convertible Notes Payable. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ConvertibleNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIncluding the current and noncurrent portions, aggregate carrying amount of all types of notes payable, as of the balance sheet date, with initial maturities beyond one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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-S99-1Reference 4: 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)(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_NotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term notes classified as other, payable after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLongTermNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term notes classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_SeniorSecuredConvertibleNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_MarchTwoThousandTwentyFiveConvertibleNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_MayTwoThousandTwentySevenConvertibleNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_NonrelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-

gaap_DebtInstrumentAxis=AIMD_MarchTwoThousandTwentyFiveConvertibleNotesOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R34.htm IDEA: XBRL DOCUMENT v3.24.3 Convertible Notes Payable and Other Notes Payable (Details Narrative) - USD ($) 1 Months Ended 3 Months Ended 9 Months Ended 12 Months Ended Aug. 02, 2024 May 03, 2024 Jan. 23, 2024 Dec. 31, 2023 Sep. 25, 2023 Aug. 17, 2023 Mar. 13, 2023 Mar. 31, 2022 Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Dec. 31, 2023 Aug. 16, 2024 Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Outstanding debt amount Â Â Â $ 42,000 Â Â Â Â $ 270,000 Â $ 270,000 Â $ 42,000 Â Warrants issued Â Â Â 894,444 Â Â Â Â 1,909,810 Â 1,909,810 Â 894,444 Â Proceeds from convertible notes payable Â Â Â Â Â Â Â Â Â Â $ 1,000,000 Â Â Remaining principal amount Â Â Â $ 5,963,556 Â Â Â Â $ 12,270,000 Â 12,270,000 Â $ 5,963,556 Â Fair value change for senior secured convertible note Â Â Â Â Â Â Â Â (177,212) (275,624) Â Â Issuance cost of senior secured convertible note measured at fair value Â Â Â Â Â Â Â Â Â $ (169,344) (260,967) $ (308,336) (260,967) Â Â Lind Global Fund II LP [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Conversion price per share Â Â Â Â Â Â $ 7.50 Â Â Â Â Â Â Â Â Convertible Note and Warrant Purchase Agreement [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Issuance of convertible promissory notes, percentage Â 6.00% Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Increased funding amount Â $ 9,000,000 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Conversion price per share Â $ 0.01 Â Â Â Â Â Â Â Â Â Â Â Â Convertible Note and Warrant Purchase Agreement [Member] | Common Stock [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Issuance of warrants shares of common stock Â 500,000 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Shares issued, price per share Â $ 4.50 Â Â Â Â Â Â Â Â Â Â Â Â Convertible Note and Warrant Purchase Agreement [Member] | Common Stock [Member] | Maximum [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Issuance of warrants shares of common stock Â 500,000 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â KY Note [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Proceeds from notes payable Â Â Â Â Â Â Â Â Â $ 800,000 Â Â Â Â Â Â Â Â Â Repayments of notes payable Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 530,000 Â Maturity date Â Â Â Â Â Mar. 31, 2025 Â Â Â Â Â Â Â Â i2China Note [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Interest rate percentage Â Â Â Â Â Â Â Â 1.85% Â 1.85% Â Â Â Outstanding debt amount Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â $ 42,000 March 2025 Convertible Notes [Member] | Convertible Promissory Note Purchase Agreements [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Convertible notes payable Â Â Â Â Â Â Â $ 3,000,000 Â Â Â Â Â Â Â Â ASE Note [Member] | Convertible Promissory Note Purchase Agreements [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Convertible notes payable Â Â Â Â Â Â 2,000,000 Â Â Â Â Â Â Â Tranche one Â Â Â Â Â Â 1,000,000 Â Â Â Â Â Â Â Tranche two Â Â Â Â Â Â 500,000 Â Â Â Â Â Â Â Tranche three Â Â Â Â Â Â $ 500,000 Â Â Â Â Â Â Â Â Lee Note [Member] | Convertible Promissory Note Purchase Agreements [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Interest rate percentage Â Â Â Â Â 6.00% Â Â Â Â Â Â Â Conversion price per share Â Â Â Â Â $ 7.50 Â Â Â Â Â Â Convertible notes payable Â Â Â Â Â $ 1,000,000 Â Â Â Â Â Â Maturity date Â Â Â Â Â two years from the issuance dates Â Â Â Â Â Â Interest expense Â Â Â Â Â Â Â $ 185,078 $ 41,227 $ 349,292 $ 86,151 Â Â Unpaid accrued interest expense Â Â Â 138,939 Â Â Â $ 484,635 Â $ 484,635 Â 138,939 Â Senior Secured Convertible Notes Payable [Member] | Securities Purchase Agreement [Member] | Lind Global Fund II LP [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Maturity date Â Â Â Â Mar. 28, 2025 Â Â Â Â Â Â Â Â Increased funding amount Â Â $ 875,000 Â Â Â Â Â Â Â Â Â Convertible notes payable Â Â Â $ 3,540,000 Â Â Â Â Â Â Â $ 3,540,000 Â Aggregate principal amount Â Â Â Â $ 10,000,000 Â Â Â Â Â Â Â Â Â Warrants issued Â Â 1,021,400 691,244 Â Â Â Â Â Â Â Â 691,244 Â Warrants exercise price Â Â Â $ 2.16 $ 4.50 Â Â Â Â Â Â Â Â Â $ 4.50 Â Conversion amount is cash Â Â Â $ 3,000,000 Â Â Â Â Â Â Â Â Â Convertible notes payable additional funding Â Â Â $ 7,000,000.0 Â Â Â Â Â Â Â Â $ 7,000,000.0 Â Proceeds from convertible notes payable Â Â $ 1,750,000 Â Â Â Â Â Â Â Â Â AmendedInitial Note [Member] | Securities Purchase Agreement [Member] | Lind Global Fund II LP [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Convertible notes payable Â Â $ 4,235,000 Â Â Â Â Â Â Â Â Â Â Lind Financing [Member] | Director [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Short-Term Debt [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Shares issued, price per share $ 0.588 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Remaining principal amount $ 1,670,000 Â Â Â Â Â Â Â Â Â Â Â Â Prepaid cash 1,439,754 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Notes issued $ 224,842 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Shares issued 382,384 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â X - DefinitionConvertible notes payable additional funding threshold. + ReferencesNo definition available. + Details Name: AIMD_ConvertibleNotesPayableAdditionalFundingThreshold Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionConvertible notes payable first payment. + ReferencesNo definition available. + Details Name: AIMD_ConvertibleNotesPayableFirstPayment Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionConvertible notes payable second payment. + ReferencesNo definition available. + Details Name: AIMD_ConvertibleNotesPayableSecondPayment Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionConvertible notes payable third payment. + ReferencesNo definition available. + Details Name: AIMD_ConvertibleNotesPayableThirdPayment Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value change of senior secured convertible note. + ReferencesNo definition available. + Details Name: AIMD_FairValueChangeOfSeniorSecuredConvertibleNote Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIssurance cost of senior secured convertible note measured at fair value. + ReferencesNo definition available. + Details Name: AIMD_IssuranceCostOfSeniorSecuredConvertibleNoteMeasuredAtFairValue Namespace Prefix: AIMD_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrentAndNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionExercise price per share or per unit of warrants or rights outstanding. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIncluding the current and noncurrent portions, carrying value as of the balance sheet date of a written promise to pay a note, initially due after one year or beyond the operating cycle if longer, which can be exchanged for a specified amount of one or more securities (typically common stock), at the option of the issuer or the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -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_ConvertibleNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe value of the financial instrument(s) that the original debt is being converted into in a noncash (or part noncash) transaction. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_DebtConversionConvertedInstrumentAmount1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe price per share of the conversion feature embedded in the debt instrument. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-5 + Details Name: us-gaap_DebtInstrumentConvertibleConversionPrice1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionMinimum percentage of common stock price to conversion price of convertible debt instruments to determine eligibility of conversion. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentConvertibleThresholdPercentageOfStockPriceTrigger Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionEffective interest rate for the funds borrowed under the debt agreement considering interest compounding and original issue discount or premium. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-6 + Details Name: us-gaap_DebtInstrumentInterestRateEffectivePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionDate when the debt instrument is scheduled to be fully repaid, in YYYY-MM-DD format. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentMaturityDate Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionDescription of the maturity date of the debt instrument including whether the debt matures serially and, if so, a brief description of the serial maturities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DebtInstrumentMaturityDateDescription Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAggregate amount of interest expense on all borrowings. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_InterestExpenseBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIncluding the current and noncurrent portions, aggregate carrying value as of the balance sheet date of loans payable (with maturities initially due after one year or beyond the operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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_LoansPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe fair value of notes issued in noncash investing and financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_NotesIssued1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionIncluding the current and noncurrent portions, aggregate carrying amount of all types of notes payable, as of the balance sheet date, with initial maturities beyond one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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-S99-1Reference 4: 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)(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_NotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term notes classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherNotesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for other costs that provide economic benefits within a future period of 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(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483032/340-10-45-1 + Details Name: us-gaap_OtherPrepaidExpenseCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe cash inflow from the issuance of a long-term debt instrument which can be exchanged for a specified amount of another security, typically the entity's common stock, at the option of the issuer or the holder. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromConvertibleDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a borrowing supported by a written promise to pay an obligation. + 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_ProceedsFromNotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer. + 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/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3 + Details Name: us-gaap_RepaymentsOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares of stock issued as of the balance sheet date, including shares that had been issued and were previously outstanding but which are now held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2 + Details Name: us-gaap_SharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionPer share or per unit amount of equity securities issued. + ReferencesNo definition available. + Details Name: us-gaap_SharesIssuedPricePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: dei_LegalEntityAxis=AIMD_LindGlobalFundTwoLPMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ConvertibleNoteAndWarrantPurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_KYNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_ITwoChinaNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_MarchTwoThousandTwentyFiveConvertibleNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ConvertiblePromissoryNotePurchaseAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_ASENoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_LeeNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_SeniorSecuredConvertibleNotesPayableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_SecuritiesPurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_AmendedInitialNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_LindFinancingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=srt_DirectorMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 46 R35.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Warrants Issued and Outstanding (Details) - shares Sep. 30, 2024 Dec. 31, 2023 Class of Warrant or Right [Line Items] Â Â Total 1,909,810 894,444 ASE Warrant [Member] Â Â Class of Warrant or Right [Line Items] Â Â Total 500,000 Lind Warrant [Member] Â Â Class of Warrant or Right [Line Items] Â Â Total 1,201,944 691,244 Public Warrant [Member] Â Â Class of Warrant or Right [Line Items] Â Â Total 179,400 179,400 Representative Warrant [Member] Â Â Class of Warrant or Right [Line Items] Â Â Total 7,800 7,800 Placement Agent Warrant [Member] Â Â Class of Warrant or Right [Line Items] Â Â Total 20,666 16,000 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_ASEWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_LindWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PublicWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_RepresentativeWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PlacementAgentWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 47 R36.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Warrants Issued and Outstanding (Details) (Parenthetical) Sep. 30, 2024 $ / shares ASE Warrant [Member] Â Class of Warrant or Right [Line Items] Â Exercise price $ 4.5 Lind Warrant [Member] | Minimum [Member] Â Class of Warrant or Right [Line Items] Â Exercise price 2.16 Lind Warrant [Member] | Maximum [Member] Â Class of Warrant or Right [Line Items] Â Exercise price 4.50 Public Warrant [Member] Â Class of Warrant or Right [Line Items] Â Exercise price 21.25 Representative Warrant [Member] Â Class of Warrant or Right [Line Items] Â Exercise price 23.375 Placement Agent Warrant [Member] Â Class of Warrant or Right [Line Items] Â Exercise price $ 8.25 X - DefinitionExercise price per share or per unit of warrants or rights outstanding. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_ASEWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_LindWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PublicWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_RepresentativeWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PlacementAgentWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 48 R37.htm IDEA: XBRL DOCUMENT v3.24.3 Stockholdersâ€™ Equity (Details Narrative) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2024 Sep. 30, 2023 May 03, 2024 Dec. 31, 2023 Nov. 27, 2023 Nov. 26, 2023 Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Â Â Â Preferred stock shares authorized 50,000,000 50,000,000 Â Â 50,000,000 50,000,000 10,000,000 Preferred stock shares issued 0 0 Â Â 0 Â Â Preferred stock shares outstanding 0 0 Â Â 0 Â Â Common stock shares issued 13,813,434 13,813,434 Â Â 4,677,787 Â Â Common stock shares outstanding 13,813,434 13,813,434 Â Â 4,677,787 Â Â Warrants expired Â 0 Â Â Â Â Â Placement Agent Warrant [Member] Â Â Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Â Â Â Warrant issued 20,666 20,666 Â Â Â Â Â Exercise price $ 8.25 $ 8.25 Â Â Â Â Â Warrants contractual term 5 years 5 years Â Â Â Â Â Fair value of warrants Â $ 21,479 Â Â Â Â Â Private Warrant [Member] Â Â Â Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Â Â Â Warrants contractual term 5 years 5 years Â Â Â Â Â Common Stock [Member] Â Â Â Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Â Â Â Conversion of note payable to common stock, shares 656,732 3,071,318 Â Â Â Â Â Issuance of stock to settle vested RSUs 268,028 401,992 25,306 Â Â Â Â Issuance of common stock for patent license agreement, shares 5,500,000 5,500,000 Â Â Â Â Â Common Stock [Member] | Convertible Note and Warrant Purchase Agreement [Member] Â Â Â Â Â Â Â Accumulated Other Comprehensive Income (Loss) [Line Items] Â Â Â Â Â Â Â Warrant issued Â Â Â 500,000 Â Â Â Price per share, exercisable Â Â Â $ 4.50 Â Â Â X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionExercise price per share or per unit of warrants or rights outstanding. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting

Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe cash inflow from issuance of rights to purchase common shares at predetermined price (usually issued together with corporate debt). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfWarrants Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of shares under non-option equity instrument agreements that were either cancelled or expired. + 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)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNonOptionEquityInstrumentsForfeituresAndExpirations Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionPer share or per unit amount of equity securities issued. + ReferencesNo definition available. + Details Name: us-gaap_SharesIssuedPricePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued during the period as a result of the conversion of convertible securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_StockIssuedDuringPeriodSharesConversionOfConvertibleSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of stock issued attributable to transactions classified as other. + ReferencesNo definition available. + Details Name: us-gaap_StockIssuedDuringPeriodSharesOther Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionTotal number of shares issued during the period, including shares forfeited, as a result of Restricted Stock Awards. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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_StockIssuedDuringPeriodSharesRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionPeriod between issuance and expiration of outstanding warrant and right embodying unconditional obligation requiring redemption by transferring asset at specified or determinable date or upon event certain to occur, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstandingTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PlacementAgentWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=AIMD_PrivateWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ConvertibleNoteAndWarrantPurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R38.htm IDEA: XBRL DOCUMENT v3.24.3 Revenue (Details Narrative) Sep. 30, 2024 USD ($) Revenue Recognition and Deferred Revenue [Abstract] Â Contract liabilities X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_RevenueRecognitionAndDeferredRevenueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 50 R39.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Restricted Stock Units (Details) - Restricted Stock Units (RSUs) [Member] - $ / shares 3 Months Ended Sep. 30, 2024 Jun. 30, 2024 Mar. 31, 2024 Sep. 30, 2023 Jun. 30, 2023 Mar. 31, 2023 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Â Number of Shares, Beginning 809,982 814,392 954,306 119,344 146,534 160,000 Weighted-Average Grant Date Fair Value Per Share, Beginning $ 4.18 $ 4.18 $ 4.39 $ 11.51 $ 10.60 $ 12.08 Number of Shares, RSUs granted 946,432 870,200 Weighted-Average Grant Date Fair Value Per Share, RSUs granted $ 0.53 $ 3.46 Number of Shares, RSUs vested (268,028) (133,964) (20,220) (5,866) Weighted-Average Grant Date Fair Value Per Share, RSUs vested $ 1.91 $ 5.74 $ 6.69 $ 55.50 Number of Shares, RSUs forfeited (8,400) (4,410) (5,950) (8,220) (6,970) (7,600) Weighted-Average Grant Date Fair Value Per Share, RSUs forfeited $ 3.46 $ 4.16 $ 3.46 $ 3.92 $ 6.38 $ 7.15 Number of Shares, Ending 1,479,986 809,982 814,392 981,324 119,344 146,534 Weighted-Average Grant Date Fair Value Per Share, Ending $ 2.26 $ 4.18 $ 4.18 $ 4.43 $ 11.51 $ 10.60 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic

718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 51 R40.htm IDEA: XBRL DOCUMENT v3.24.3 Share-Based Compensation (Details Narrative) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Jul. 19, 2024 Jun. 14, 2023 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Â Aggregate number of shares granted Â Â Â Â 946,432 871,075 Number of warrants outstanding 7,332 Â 7,332 Â Â Â Shared-based compensation expense $ 470,791 $ 324,842 $ 1,318,868 $ 682,833 Â Â Warrant [Member] Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Share-based compensation arrangement by share-based payment award, options, grants in period, gross 0 0 0 0 Â Â Share-based compensation arrangement by share-based payment award, options, forfeitures and expirations in period 0 0 0 0 Â Â Share-based compensation arrangement by share-based payment award, options, exercises in period 0 0 0 0 Â Â Number of warrants outstanding 6,034 Â 6,034 Â Â Â 2021 Employee Stock Purchase Plan [Member] Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Number of warrants outstanding 0 Â 0 Â Â Â 2023 Stock Incentive Plan [Member] Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Aggregate number of shares granted 1,816,632 Â 1,816,632 Â Â Â Restricted Stock Units (RSUs) [Member] Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Â Â Unrecognized compensation cost, stock options and warrants $ 2,461,580 Â $ 2,461,580 Â Â Â Weighted-average period in years Â Â 1 year 10 months 9 days Â Â Â X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost to be recognized for option under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the allocated, committed-to-be-released and suspense shares of the entity held by the plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 40 -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480489/718-40-50-1 + Details Name: us-gaap_EmployeeStockOwnershipPlanESOPSharesInESOP Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of equity instruments other than options outstanding, including both vested and non-vested instruments. + 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)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNonOptionEquityInstrumentsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionGross number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=AIMD_TwoThousandTwentyOneEmployeeStockPurchasePlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=AIMD_TwoThousandThreeStockIncentivePlanMember 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 52 R41.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Basic and Diluted Net Loss Per Share (Details) - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Earnings Per Share [Abstract] Â Â Â Â Net loss attributable to common stockholders, basic and diluted $ (3,699,317) $ (2,975,846) $ (10,209,149) $ (7,846,048) Weighted-average number of shares used in computing net loss per share attributable to common stockholders, basic 11,279,220 4,058,413 7,868,997 4,026,756 Weighted-average number of shares used in computing net loss per share attributable to common stockholders, diluted 11,279,220 4,058,413 7,868,997 4,026,756 Net loss per share attributable to common stockholders, basic $ (0.33) $ (0.73) $ (1.30) $ (1.95) Net loss per share attributable to common stockholders, diluted $ (0.33) $ (0.73) $ (1.30) $ (1.95) X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type:

xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef 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-SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 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https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 53 R42.htm IDEA: XBRL DOCUMENT v3.24.3 Schedule of Computations of Diluted Weighted Average Shares Outstanding (Details) - shares 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Total potential shares 5,883,727 2,983,095 5,883,727 2,983,095 Stock Options and Restricted Stock Units [Member] Â Â Â Â

Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Total potential shares 1,487,318 988,656 1,487,318 988,656 Warrant [Member] Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Total potential shares 1,915,844 664,730 1,915,844 664,730 Convertible Debt Securities [Member] Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Total potential shares 2,480,565 1,329,709 2,480,565 1,329,709 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=AIMD_StockOptionsAndRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_ConvertibleDebtSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.3 Related Party Transactions (Details Narrative) - USD ($) 3 Months Ended 9 Months Ended 12 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Dec. 31, 2023 Nov. 06, 2024 Aug. 05, 2024 Related Party Transaction [Line Items] Â Â Â Â Â Â Â Unpaid accrued interest expenses $ 389,437 Â $ 389,437 Â $ 87,632 Â Â Cost of revenue 547 $ 87,873 52,674 $ 244,538 Â Â Â Revenues 24,489 20,729 102,208 Â Â Â Development expenses incurred 2,022,244 1,710,265 6,085,648 5,080,335 Â Â Â Research and development expense 12,377 51,721 Â Â Â COVID 19 Antigen Rapid Test Kits Sales [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Revenues 21,224 33,765 Â Â Â Manufacturing Service Agreement [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Incurred costs 39,523 39,523 Â Â Â Manufacturing Service Agreement [Member] | COVID 19 Antigen Rapid Test Kits Sales [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Accounts payable Â Â 323 Â Â Accounts receivable 16,785 Â 16,785 Â 27,208 Â Â Product Co Development Agreement [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Development expenses incurred 98,823 135,606 290,661 287,802 Â Â Â Advance payment Â Â 33,830 Â 26,511 Â Â Product Co Development Agreement [Member] | Patents [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Non exclusive use of patents fee 286,675 $ 856,537 Â Â Â Product Co Development Agreement [Member] | Taiwan Carbon Nano Technology Corporation [Member] | Patents [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Non exclusive use of patents fee $ 95,000 Â Â Â Â Â Â Â Indirect tax rate 5.00% Â 5.00% Â Â Â Â Patent License Agreement [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Voting interest percentage Â Â Â Â Â 62.80% Â Patent License Agreement [Member] | Taiwan Carbon Nano Technology Corporation [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Voting interest percentage Â Â Â Â Â 38.00% Issuance of common stock Â Â Â Â Â 5,500,000 Related Party [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Interest expense incurred related party $ 168,950 26,103 $ 301,805 52,944 Â Â Â Cost of revenue 39,523 86,158 Â Â Â Accounts receivable Â Â Â Â Revenues 21,224 33,765 Â Â Â Development expenses incurred 385,498 135,606 1,147,198 287,802 Â Â Â Related Party [Member] | Sales and Marketing Agreement [Member] Â Â Â Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Â Â Â Cost of revenue $ 46,635 Â Â Â X - DefinitionIndirect tax rate + ReferencesNo definition available. + Details Name: AIMD_IndirectTaxRate Namespace Prefix: AIMD_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionVoting interest percentage + ReferencesNo definition available. + Details Name: AIMD_VotingInterestPercentage Namespace Prefix: AIMD_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: 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)(15)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_AccountsPayableCurrentAndNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477802/946-310-45-1Reference 2: 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(5)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479196/954-310-45-1Reference 5: 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)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_AccountsReceivableNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: 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 9: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: 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 12: 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 13: 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 14: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of estimated penalties and interest accrued as of the balance sheet date arising from income tax examinations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15 + Details Name: us-gaap_IncomeTaxExaminationPenaltiesAndInterestAccrued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal interest costs incurred during the period and either capitalized or charged against earnings. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483013/835-20-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483013/835-20-50-1 + Details Name: us-gaap_InterestCostsIncurred 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 - DefinitionAmount of other research and development expense. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1 + Details Name: us-gaap_OtherResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow for fees classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PaymentsForFees Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for the purchase of all receivables. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_RelatedPartyTransactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 8: 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 9: 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 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -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/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -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-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares of stock issued as of the balance sheet date, including shares that had been issued and were previously outstanding but which are now held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2 + Details Name: us-gaap_SharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: srt_ProductOrServiceAxis=AIMD_COVID19AntigenRapidTestKitsSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ManufacturingServiceAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ProductCoDevelopmentAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=AIMD_TaiwanCarbonNanoTechnologyCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_PatentLicenseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_OwnershipAxis=AIMD_TaiwanCarbonNanoTechnologyCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_SalesAndMarketingAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and Contingencies (Details Narrative) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Commitments and Contingencies Disclosure [Abstract] Â Â Contract liabilities from distribution channels $ 110,142 $ 112,555 X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 56 R45.htm IDEA: XBRL DOCUMENT v3.24.3 Subsequent Events (Details Narrative) - USD ($) Oct. 16, 2024 Oct. 07, 2024 Sep. 30, 2024 Dec. 31, 2023 Subsequent Event [Line Items] Â Â Â Â Remaining note payable principal amount Â Â $ 12,270,000 $ 5,963,556 Subsequent Event [Member] | KY Note [Member] Â Â Â Â Subsequent Event [Line Items] Â Â Â Â Remaining note payable principal amount Â Â $ 270,000 Â Â Subsequent Event [Member] | Extend Agreements [Member] | Patents [Member] Â Â Â Â Subsequent Event [Line Items] Â Â Â Â Exclusive use of patents fee $ 50,000 Â Â Â Indirect tax rate 500.00% Â Â Â X - DefinitionIndirect tax rate + ReferencesNo definition available. + Details Name: AIMD_IndirectTaxRate Namespace Prefix: AIMD_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionIncluding the current and noncurrent portions, aggregate carrying amount of all types of notes payable, as of the balance sheet date, with initial maturities beyond one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 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-S99-1Reference 4: 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)(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_NotesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expense classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDetail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=AIMD_KYNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=AIMD_ExtendAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 57 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (.R!9ED'04UB@0 +$ 0 9&]C4'}O<',O87!P+GAM M;$V./0L",1!$ \IQO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " #L@6994QPV5^X K @ $0 &1O8U!R;W!S+V-O&ULS9+! M2@,Q$(9?17+? GPC;7"J>% 0+BK>03-O@9A.2D=V^O=G8;A%] "&7S/SY MYAM(IX/0/N)S] $C64PWD^N')'38L"-1$!)'}&I5.?$D)M['YVB?(T'"$I_ MJ -"VS1K<$C**%(P ZNP$)GLC!8ZHB(? SWBC%WSXC'V!&0W8H\.!$O": Y/S MQ"':^@ZN@!E&&%WZ+J!9B*7Z)[9T@)V34[)+:AS'>ER57-Z!P]O3XTM9M[)# M(C5HS*^2%70*N&&7R:^K[?WN@621A'^_1S80RY8-[9)-NIL\!"SI^\Y%1^? H.'GS[BYBZ(:(E/)X M8-DOV]:[MR_>X%#BVR]*+ M41B1%G\@M MNN01.+5)#3(3/PB=AIAJ4!P"I DQEJ&&^+3&K!'@$WVWO@C(WXV()ZMOFCU7 MH5A)VH3X$$8:XIQSYG/1;/L'I4;1]E6\W*.76!4!EQC?-*HU+,76>)7 \:V< M/!T3$LV4"P9!AI@S M&L%&KQMUAVC2/'K^!?F<-0HACA*FNVB<5@$_9Y>PTG!Z(++9OVX?H;5,VPLCO='U!=*Y \FIS_I,C0' MHYI9";V$5FJ?JH,@H%\;D>/N5Z> HWEL:\4*Z">P'_T=HWPJOX@L Y M?RY]SZ7ON?0]H=*W-R-]9\'3BUO>1FY;Q/NN,=K7-"XH8U=RSTS0LS0[=R2^JVE+ZU)CA* M]+', <$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^ VVZG=PZ.)Z8D;D* MTU*0;\YZ<5X&N(YV02Y?9A7;>?8T='[Y\%1L*/O/)8=QXCRHB'NH8:8S\-# MAWE[7YAGE<90- !1M;*PD+$:W8+C7\2P4X&1@+: '@Z]1 O)256 Q6\8#*Y"B M?$R,1>APYY=<7^/1DN/;IF6U;J\I=QEM(E(YPFF8$V>KRMYEL<%5'<]56_*P MOFH]M!5.S_Y9KF4Q9Z;RWRT,"2Q;B%D2XDU= [=7GFYRN>B)V^I=W MP6#R_7#)1P_E.^=?]%U#KG[VW>/Z;I,[2$R<>41 71% B.5' 86%S+D4.Z2 MD 83 >LX=SFWJXPD6L_UC6'ODRWSEPVSK> U[F M$RQ#I'[!? 8J*@!&K8KZZKT_Y)9P[M'OQ@2"; -:;I/;=X Q\U*M:I60K$3]+ M!WP?D@9CC%OT-%^/%&*MIK&MQMHQ#'F 6/,,H68XWX=%FAHSU8NL.8T*;T'5 M0.4_V]0-:/8--!R1!5XQF;8VH^1."CS<_N\- L,+$CN'MB[\!4$L#!!0 (M .R!9EG%H$NS<08 'LD 8 >&PO=V]R:W-H965T&UL MM9KO<]HV&,??]Z_0L=YNO0O!E@DQ7<(=(7B ,BP>#G&WTD2WS\XVPMY+=TR;DB3U$8I^>=I5+)^UXO]98\ M8NFQ2'@,G\R%C)B"3;GHI8GDS,^+HK!'+6O0BU@0=T9G^7MW)P&(B:2 MS\\[8_O]Q'%U0;['YX"OTYW71*,\"O%-;TS]\XZE6\1#[BD=P>#/BD]X&.HD M:,=_16BG_)^Z81Y;RB0B_!+Y:GG? <#O'YG&6ANA?KWWD!=*+S M/!&F^6^RWNS;/^T0+TN5B(IB:$$4Q)N_[*GHB-V"?DT!+0KHBP*[KL I"IP< M=-.R'.N2*38ZDV)-I-X;TO2+O&_R:J)8CV,,R7ATP#]U&@B5ER2+GE+>B1= M,LG3LYZ"7/UISRLR+C89M"9C2&Y$K)8IN8I[G]?WX/VE(VBVT9=4#1PQI-C MXEA'A%]T;VC/!"^_%:MC8@U,Y=\UQRG[R,GSG]\2^%E<.0J\O"<<%/WX.6V MU? UD@D"K]/1]GR;,X^<=F)\IERO>&?W\DSVP?D60^B52'VW3&'C\G.DZ9 L3 M$UX_9V%JZHH)6G8@U$D)==)LG#YE3"HNPV=RSQ,AE8D/CU(R,^*A50?B#4J\ M0 =EX'P]7)"8%$S3CD\J5Q :E<0 MM/Y 3K?D=)MQ7@>IQ\(M[C6\;5Q]\;1/CHD/K3F0;UCR#7^([RMGLIX.SZH; M/[3J0#[;JKXT+;15DTS*EX#8T;HGKMNU:=>Q39QXY:&@.W9@HRV[BE6@GH$S MY.0VBQZY-.+A(99E=_MV?V &1&L/!:05(&T">,\70:I@757DED7F,<2#QM/; MC[.C-]/;R;1ZT^%+,R&!MWD)S @>MA -V"J+V1/[@ST90,/]"X;3L_NG MN.[@Q8=R5EICXUY2<#ZP)S+U 3:8!Q[+ORF1HQ>//#WIVL/3OG- "C;QM"(]= M&8^->TK!.XT](<$$B=2!5]) M?P=)[3*U)W%(;Q) M_&]\KC;!JP[EK&R)-K*E::RXW%Q/U6-VAH)7^T$;Z M,UMR&$<,#X^IQVM#>6BE/+21\@!8!"=H,R6\;^]^4T(\C%3H 6Q#^-K)'XE MARGZ89/6S]/TC:_5R'98A4"$8^YS8])?'=V3&O4S"V!NY\:1-Q[XA\%/,B@1Z M=Y7W[MN\>Q/HWK3FX)G@Z8?VP\[=,MQU'B3S8+D_H2:$J4 M(">9!,J4?[<\XY/YE:2GZ(HV%,JI%,K!U>=')C.>M.W4? #I#QR:FCC7V0!N6 MY526Y>!2U& :XP%Z&G\Q@K5A54YE5JT#-YS$>A,SC5Q6KWL[C'=IY\Z=> M4N+IB[N;)SW*=\LG:\;Y\R2]:O?-8SDW3"MS2D(^AU+K^!1FF=P\Z;+94"+) M'Q9Y%$J)*'^YY,SG4N\ G\^%4-L-_0_*YXU&_P-02P,$% @ [(%F65>8 M&(W;!@ -!X !@ !X;"]W;W)KI;Y-[410],?:9*IZ]E&Z^W%8J'"C4BY.I=;D<$W:YFG7,/; M_&FAMKG@43$H31848V^1\CB;K:Z*S^[SU97?YR*Q+Y?#TC ML]G,]"V8H$FN^2_07^?R;] BY)E\H$U7\1<]5+)ZA M<*>T3*O!@""-L_(__U$5HC6 ."#:#6 OG4 JP84E5N4R I:G[CFJZM:%^+Z+]SP!\LK&NDSE M%ZG,UM^O7.)Z'O:N%OLVH6$<"0+7HT$=U\]U%B=2:PW82AW TZ0R@ YV,B M;"@GD]C+B6S34N9Q6BP:BOSESG*A+:!=P<7A8GV,>E5 MV!;FNTMFA^?5\+Q)>'_JCC,Y[-;RS-Z'(M%]-2QQ4,J C\TY:8DG>L$#' M%V8UO+-]"/.6OM/OH];(P"$!=D9 -A)'WJ9Q2FE0Z [F%'%MTCDUHH MM.4O1N_0AS@+$[! 502 A:H^K6S4'"*JK2C\<_)B]W1#@62X^.F7Z> <5N5O'1F[) MM-Z6O:)3P7FW6%9B0W6EOHW7,,ZA[; NZD:%R;0,@_)=P!0_-@:UZV*&9*& MBJIU[] *'FJO[V)OV 2'<80$%%1EA$2CTN08F3X$=RC"#F'8]_N^QQ)(&/," M-B*!I)%K$DPVQ- \E;"DM\O1P2YP4_J-;XHFR=6DWTD^FM?]!9+&$.W8!,P5+ M+APTGE1P57S%-5KS.$=P?["S^N[I*QUAO,G0.E /[C1VTEL!^2^Y6KC$U=-K4'.ZDK1):.4SF M/V)UT*$IZG7G+L767?^D^Z@H)M 'SOI]P$](#G' 39@WF)-A'&%NT&K%7;R- MFZ'3;J;LL(=06BP*8X[OLGYKM43Z;.E0.B(%M'$S])";2=-8FWN*4LJ@R6C8 M72(+QT"?ZA;^!(FZG!OG0=U).7G0,ORVD4D$HOW^EX 2_[*XM=(O]O.D21]S M]('2B;)UN3?^A4[[E_MD2I7A<(A?7S5)M>&XLSDYO M9![_)Z)+Z#*90+%2Q@,5UF>G%=Q,EQWYK;UUV%IMI:J=IG+,4OOY1-UR-TZ+ M3CLML[UD-EIKAB>*?5P]+Q%A\P!^'58&.'//]^=^X+]F_ME9LRBB==9L-A" M.7V>9O&5@'C$+-+&+-+IPYVJY \E:2W18[U@EZTR SGBT3EC=7U.7HCAF5#? MXEM' -184V^,(YTVCC=1%)MG+"!!6QY'9W&&0KZ- 09*L."V'1AY(BQ_TCXUL MD>:6.A@[Y6*-^V/3[@_NJW;IKK0LD5C'86QU*FQHHLZ< "]=AOOKRQ8*G */ MC)T!L,9QL6G'U48KRX-9F4+OV)C'8WL!1D6I,YWS3$%,\; K^G>G"IFULAK: MIC/J. [V^YQL@3YV)$EPQJ#Q:8-5FE8U*@R6F%;W%. *:6D?XYKB33\?#<8 M.7!FK6263X4&3DU,\::3WU6[0>Z9GGJ7_P "G.%K&HBX*!A*2+HFTIIVI5TI:M3MQ=5>.' 2K(*=V2:Y MW:>?#5P"@9 _ZOJBP7#.X]]C;(X]V7/Q)F, A;ZE"9-3*U9J^VC;,HPA)?*! M;X'I)VLN4J)T4VQLN15 HCPI36S7<89V2BBS9I/\WD+,)CQ3"66P$$AF:4K$ M^Q,D?#^UL/7]Q@O=Q,K3+=G $M3K=B%TRZY4(IH"DY0S)&]M7[%CW,< MF(0\XD*>UF[1L;*BO,WT_@<32W'$$$"H3(21/_L8 Y)8I0TQS^EJ%7U:1+K MU]_5?\O-:S,K(F'.D[]HI.*I-;)0!&N2)>J%[W^'TM# Z(4\D?E_M"]BAYZ% MPDPJGI;)FB"EK/@EW\]!]"5@_T2"6R:XER9X98*7&RW(,]W6SBO[;F7?S?6&)_76^HXV#TQ?*;308X">]0P3+C,! MZ.L?^C'ZK""5?W>9+=2];G6S!!_EEH0PM?0:DR!V8,U^^@$/G5^ZK'^06&,@ MO&H@O#YU,P]V(!1=)8 85R#1EKP3TPHS85Y^E_M",L@ES?=B-_<_&]B[^K& M>KON-H9Z//F5)_]&3XRS'EM^R]:XTU8[[MA^ WM080]ZL1?Z0P8:+D)Z]8=O MGS2U0#N29- %6V@- :A#.@X./2,\$-3"'%>;P.DP9ZZ^$1"13,1?T7XBZ< M- MOT8R<#H']X+ !G9080"6HP8N=0Y)PK*"^:]*6BWU[=K:EZ M46B3O%:>\?7DI^=]J59'P=X(>[[G'T.W(_UA$ 2CX 3RH:3BWD+5C7QFYI:2 MEW"W(_NY#Q40GRN!!VZD.%!!WT![+8QQ>V*T@_#0];Q3J(?"AOLKVPLD1._ MD-Z7J7?T]0ND*Q"=&Y1^H6MW*!^EUK1]*(QX\+_NUG!OX;UZ,#Y(K3D8A_*+ M^^OO33NV4K.^9W& [OVF]G5^_9\'^HS["_2MN[92)ORVK2/P> P*=+MVK#)G MVB]$;"B3*(&USG0> CT!1'%,+!]*;_.3UHHK?6[++V-]M 9A O3S-==^RH8Y MO%6']=E_4$L#!!0 (.R!9EE?NEVT" < , @ 8 >&PO=V]R:W-H M965T&ULM5K;MM&$/V5A1H4"2!;>^'5M07$DM(&:!(C;IJ' MH@]K<241X44E5[+S]QU>1%KD<.TDRD-L7Y9R9V9GQYO(^S;[D&Z4T>8BC M)+\:;;3>7DPF^7*C8IF? IUN5P#>K-(NEAK?9>I)O,R6#Z.*#R?1R*]?J5NE/ MVYL,WDT:EB",59*:4(RM;H:O687"VX5"TK$WZ&ZSQ^])H4I=VGZI7CS-K@: MT>*)5*26NJ"0\&NO9BJ*"B9XCO]JTE&S9['P\>L#^YO2>##F3N9JED:?PT!O MKD;>B 1J)7>1_IC>_Z%J@^R";YE&>?F3W-=8.B++7:[3N%X,3Q"'2?5;/M1" M/%H //@"7B_@W076P)1+Q#/W<&J%UC/W<&N%Y2F3RK;2^'F4LOI99;>DZQ M UOQHE2_7 UZA4D1*+GLS0)P.TJ(+=::@4AH'.2KLB'K"8[*L=[JN=N(#.PGR+DWT)B<+V#% MUL_-ZWW#^@E8W9C.#Z9?$T''A%-N(<\S>_YR@9GS8[LOOGOW(S%$ M$P>BY',&^-XFRS16;1"0?U[?Y3J#//X7)3L%^1[M.D$S%8&K K*5F?Y:?)"$$%)0%YP-N;<(E!$B-XH^)(J=R!LP+]W*FM" MKUQ3!-&X? -6P"#%V';MA2>#I#B2J2$ S%.6 M/$51W$^Y97G^Y63_."@0%'5Y![7HHQCEG'H-[,B/=N-'V^C'69KKRF'?Z4_A MCVTN?M2?GC-FMO?3_%EI8#W2[LRVW&.!9PC(UL, M^,MI_48_?5[EN8YB> '9J? S'#L1D".$US%@CL $\RV[8R<"8Q87@N)VNHV= MKO'$KRL\1*%ZV!8M0'Z!&>R>\J0_)=G\E&2+Y=><)K/.$]<=+G2F;+39EO M 1P34;HM:_#!,<\\,5X(SQY;OEI3:CL=-?HXSCWN" (:KP6@[:U"C'G^E&D1(>PD;";Z3R5*19=VNYRH) MH15#V4U@U53\F_$9JLI)A1O8RVBE4+0MIX!Q?]*H: M!N0.]?MR(4!!/2&Z)_DS&(_U:H<:9IYJWC0FD^5&)FM5]@1/B(:J@[3QS'4Y MZ\62\8&>/S+.L1TYG)B\5P=^?,=C==L1A)EGD _07&7?G4L0%+-LNY>+&(P.AE8[ES!CLUUW"1BXR;CE0V+IM$@84E#*/ M=@5 @ R -

#C/K7;+A]O\U^L<8.V*92T^75O]41:C.LW>9 M**B4K0XW=OD'=?$<,5YNM8^_8IGV'DTRD;<^V+HS!H-:F724CYT.6P;OQB\8 M3#]#2>2=*665+(Z9FS2^%X-]#X3PPU6H.<,IR4'\'AJX)=F-[0 YF6SD8! M8+PTRCO#BV0X>:'PO?AJ3:B\^& **][.CT"B9S)9,[F8[3\0 M";?,B6]D3N<9>L*3>Z!L^OK5_O'X=$<(AWT(A[O0=R5GI^'SM-X.!QM-XG.@
M/!HKRO,O!&D;2.0KU:#I@K"E:)PMVCSX6/?=]QQ99[%;J?5*^" #OC1.Y0JSVJ.E3*(+\B6'$\%H5<^:&XK0@$$I<%&7(1;,Y:>Q9> M:O+B*4TX::P",O "!D2$&5S:NI%F)38P'; HG:T[(,1T^?WNT]6;_?
=B9H+" M9G$C&U6(6_)!?%:(E5%'ZU:J31H-7>/T8CI%U=#Y8A&B<1E(+NK1 L0M(%# M@>HYN4%7QO>1F2.QE%X8VQ/:BB5R:\C%Z6IR$:G:NU4+&8O5X^%)A%YPWT@65 M). ^7P13"\T?"H_!
[<.+$DCT&]CM@/5JS,7C>$8NKHV)(#0?YNU8;=63\T(?: M-VS76GFWNK\EP/J.S=V'+U??O\W$ 03/5\&B" (A2-\VC28NIA>R@ZS8=E$) M:]YP)X@&X7"@'E]0+:.S(8+N 2M1DA*''1KFD-
OP[GN#Q#X76&;&L5%[%Y-D2 M,X/3!7VET*I64:Y8?#>_Q}+S*LJ=!7DEC2/N(O$4K-9E_%=31[ )BYCC74LZ 03C:]O '34/% V$A"F<62##G+N 4#]VR=E' MJ4#XSRSBY]3&"*.J@
M49=K6A@FG@=&!6$LA@=(<$1.$3"'XHN2#QVF*L0]08\6NV?#L6==%C5'BJ]L}4 -Z7BDWG M,F,J/E/6R8JYP:6";QP^C0LGT7[I_L$SDC:IX\3-\8(!%'3*8U>7;,_'%.L3 MIZW5 Z@8*NM)+"P:?
2@^,@VNO]BS>.XQ//D*>4'-]NC=Q_U)E M&+B;3"&H]=!GR='ZL5\,9E$W,.@QT#I^%=@:7N<1-ZY)X16*Q62>38A2.I!+ MG99D72]M.,U0+CG2-!3/'9ZCK5L.Q%_$NQS2RJ&D"T^_VE\79^F6M-
F>[II? MI5LH***IA.EX^/8H2]V_2L'PB7>FN0W(=/Q;XVDQFKH7=M!?HJ?_ M 5!+ P04 "_#L@699!HL&0W\& "B#P &0 'AL+W=OO,/!W%S9
MN:6^N5*=*8M:+C6U754)_70G2[6[@e23_<2G8K,U/#&]N6K$1M4Y;\] L 4,3 M@Y6J&3=%JHF!+=?7D]O@]5W,\E;@WX7N(S(%C*S+ % M@7^/\JTL2S8$&+\-B>'+5EQ_+VW_C?
K.WQ9B5:^5>7G(C?;ZTDZH5RN15>:.M3VKW=SGX,V-[F2I,^TN[7C:.)I1UK5'5H P$55'W.\77@8>10NH_HQ.."J"% MW6]D4;X31MQ<.;4CS=*PQA_65:L_<$7-0;DW&JL%],S_59H>7D'OW)ZJRK$
MNA5,U]74P#K+3+/!TEUO*7S&TH(^JMIL6WI?YS(\U"U0%:N(=V%[YH\%XV-M'D6^2Z$?QB-8PZN1M9>\CM<78HG9):A6ZU%O9'V'C*S^WJ}9HL_E<$ZSQ7VX[. MV^;2>=7VI(1/?$]1&*_6CG-
S_$.0^&]>0!X?D,<\MP-S M'SGW1F5?Z$.=@2;4$"U+4=._MN)A45$_D5RO466=,%#'D@"?N>74*'I,RU8" M.F?%I9JID*WI=5LR6TE[L[SY636Z8+&?:TC#'T'_30_RPM,/@#2F]7V'18?85
M[;9%MJ6BSLHNEZT+D*K>D((AC4V+>L-SE&TY'R!F@=1=M<*R6M-.5DXM,]52 MAR375H8W\>B!QPZ/>] ?EBX-W>I7T,(DC UGHBF,* G)UH$T+1GQB0#J2*O2 MM>,%9J/E!NR,P
P8>H\J40KZ+5M!W@*()#2[5IJC6'3Z;83?2#$3NC\6+1H M-V7)^O*W#[@=UC7\:W:@^XD:J9EWN@C]GUZ-ML87.CRB5N=@#H@KL F/.%18 M,^/<^%]TAH6$57LG,VG]B +(4SH/7\^HT6(F^.*
<.9]YO]0. M>H/IS82I,1"!.\X<#GHP?]/22L%GWC80-$*A->YQDQ-\$;MF+ET+59:GW; MJA+\M":2:1BL.^!#3\,GK?).(1T3\95'[SK-GK,,F"Q43FNM*OJ'J#N<@"'V MSY:!YM3JD!42&,5!#G!!'8.]
M!^?UQ+ZOFE(}23EXM>PTJ_]:PE^!I-SKN(A?;\<,7UKD^N(>G]N<(.A3^@O MNLA R)!0#S7#N1C,?,1 -]M@@<.1]B4TD*#6T53#,T,A=*((N?DYT,7%\VQ M,$_J8-
\I&LP\2EL#'G= 6HM"TZ,H.\DZO"&[U]XM+&^X"W!;0S!SZ33%U,? MQ_*)DVDHLOJ8+Y"Q\08+^\O54(3?AC\#EV3]O\ WD(P&=["Y/YY>VCU+A4TO+SD/4>9%B$DBP#/N;8V728A:[
MD9_0CQ1[T0*)[+N^[V,8A)Z?.I;(?95=8OJR_^T?!L,7012YBR2F5UB:>?.8 M+F9NFB3]>.;_%XKZ86HQ!.XB./HU@IVZL3_F3UX&7F+\"SL<9JB5<=S1L\)$7IA0HLT
M<*,PML[$PRW%^:7A^FEMWG\6?+=$F^D/ >VISC96$(.$G^J4&.<0RA4^(QXS$$U. A2I'1*X,)- MXY"2-'33*$)#=IYIR'97Q3>@KD9S59NZ^!\V.T&0*=P-]T)?7=\V>#0NOLV M.")\MR>H+?]
MN^LHWK}>482; D!*N8:J[\UG$]+]B[?&-785]A*&,S[[.<6CVBI60#K:Z7, M?L ;')[E_\'4$L#!!0 (. R!9EE>CSQAVP{ $4& 9 >&PO=V]R M:W-H965TRL/0'Z[W?LA"PK47HA_GCOS1O,,TPVQKZY
I%@6RKMIE%! M5%W'L2"5*DZ3Y#PNA=31;!+6CNQL8FI2 M4N.3!5>7I;#O+,_B3B67)6HGC0:+ MRVET.[R>CST^ 'Y(W+B],?A,%L:\^(=*>2&\V\:?5
MC+J0GK@_WJE_#;ES+@OA\,ZHGS*G8AI=1I#C4M2*GLWF&[;YG'F]S"@?2F'3 M8$>C"++:D2E;,CLHI6Z^8MN>PQ{A,OF D+:.$-/AN @67]X+$;&+-'!JQ'LYH? MA%0#F\U)
[2_EA2SO2N;1[$%GID1X%5MTDYA8T: '6 ^ST_85/!I-A8,0 M.C^]2W[,3CH[Z<{./#T]^(+5 $9)'](D'1_1&W7IC8+>^:?IP,UTF3*NM@&_M;A>.+#^(WX=2;A1'AQ5]D5R[2F0XC;@*'-
HU1K/3D^%Y*CK*Q9RU"6O+]C4M)'@=4,*'PB" T*[,]*)L'@OZ! %O8;E Z^^X MY^\X 'DP@KQFK@D2N*VX:!G/]^4X@+>P%Y^38. B+-76,FX7^QV%W<6ZQZP- M-6R>4Q>J#\+!AAL!?
WN>UA['Z:3,) W@ MT/N)]T]{1+L*#&2J@#O+XVAW<0'Z/XY9G\!4$L#!!0 (. R!9EE2 M4RU\0, +@) 9 >&PO=V]R:W H965TLSUN4'VM;P1IUHB2YB56,N<5"-
PMC&OG:N7K]>V"WW,\R%7:"6Y0>FV'(N^ &$7DUH6FA3;,\)7M5TBJ%*#[IFR4H*\Y M^:GE9^K[,UQ*]%' EI(ULC :;BMW(N &ZRGX-DFN+,K7\#QOER]B\X@ >1B2J0]A)N*_BN5H-
'X\U2^'9QW&DYOERM9LP07!NT'B>(1C>4/WSF! =,%LOY(UK^$_L\: MZK;]X'HS2YRP3BT20!S8"\A@^4W87OI\$U;$+'9LI)?(ML=;Y*$YST$G3-DL>,EZD**2I=WG//>VY?P_
M>F80QZ;GA/!.JZX9AS,S\H .=6S3M6/3\>-.#_4GT_8C>#>Y,T\&3-^S1Q1T MT$'5M&2I2E*704(C*49>]175%.\&PKHS[:I_2]UQ3#>,3=>UP3?M663ZC@=$ M+XC,.
ZUS0W,D:'3C=X*7;T=1ZKH.3 Y]Z6$H?5]PNIVD M(LHZ[A831@V8$,XS72%.D9*\(A'=Y^&U=%HK]$&P9\Z# <]\$V7, O+\'^ MOXG_4G>7'K7E=O-
5ZN[5C4@RNL"-V@B.Z4&ULE5AK;]NX$OVN7T%X%T4+R+8>D>VT M20#7:=<;,1,@R6:Q6-P/M$1;NI5%79**Z_OK[QE2EI4V27<_Q-&#,YS'F3-# MG6RE^JIS(0S[MBDK?3K(C:G?CLZ5H)G5FA3
MCJ,@F(PWO*@&9R?VV;4Z.Y&-*8M*7"NFF\V&]JU[4%V.K>-2-/EE)^ MI9N+['00D$&B%*DA#1S_'L1"E"4I@AG_;74.NBU)L'^]U_[1^@Y?EER+A2S_ M*#*3GPYF Y.)%6]*$8A:@76*+PM(&?.
M;D3)C.UW1,[J.V1=9F5RS#U4FLL?R M8]C5&1?MC7L?O:CP5M0C%@<^5X+HZ 5]<>=L,/5_K&S[*_Y4AN%NW_Y,;=3 M&S^MENKFK.YY*DX'* PMU(,8G+WZ)9P$[UXP^]@S^N@E[?
\P0R_]>MK2,!QY M+T3F+A?>2I:HWJ):LT(SOJ]@)E>H2R=86T'3%S0Y.VP#7I& 8EFATU+J1@D\ MQ}.Y+ +.W[ ]4 + +1Z"UX7AI=LGCWP*A5NTUK)5(A,TS8F%^SSG^Q2&L%XE;'Y
M[0=W\UH+X:Z2-VPKH+[1, =L9>F 3$Y;Y,Q5/B+M$$AZ5E0&,MHP\0TTIP4> M)(U2T%!4>]\\(^W^>7,15C/=D1?.E@!I9AN'2$'(9\"M$9NE4!VGX6F_LG R M\X^3 ,]#?
Q8D+)KX81"S)/*/CXY8/#OVC^(IFTW]21RQZT:E.1C'HUUN>8G= MYT4EM;>XNK\X'X,'[(Y,_UP8W;ZFA5^X^BH,.3Y?PT00] &GF-S)4A2O*N]? M#6P.CZQQH6\=6LA-S:L=7*"04 #@-Z\0F;1L-
*B3\67T89V%$N/:.D+7@ JF M.Y,VG4G@>8BW,?264*O&XO+.7X,LW/O"?(MD*)4$>Z9PK06B&QP!J%Y2^_(O)V2L> M>5<5LWF9]M/26OQ12N?
1N6H@G*$%$18/]KZ\7R^5\EXC2)Z@-0822&TZ8[* M@ -&Y%(5__M1^L/OG3#!GASO$/_WLJ41BE[2L7=346QZFUA%[39LJ6@QJLTY M.F+[*% $(;(] KH7(HUHG$ U,&PV_G-[7 A[X?
1=Z,=BG(UM/.]-G(M(*'Z M /Z)0W[?\OU:[^FUN@N\\QE,*4",(!&&P(([=>-@:!.+1+%]C&7K=!@[IRU' M>7NG.U)*I4:M[=PLB*%+Q/??<72X.0+K_\OYU>6<7:,,WI#LC@5$C@ #=
MU'5IA31QU+Q98_YAT80!,("],7FALJ'K8@]@ M<:EH99_O!KF'DQDL#IK4M.VDV=2U07M5Q8?^TD4V\C-M0>J>*)+V (7:?LT M[#O.TU0V%)F:[_BR%!UT+.N1UAC:PXD_G:&M3/THF+&?P;5-
>1]JMGQ_"B&* M^6I5E 1*VY^!]O7%U4ZMBCK*=0(@<Q_YTDM@GURYTV'38TK6-Z $SURTT M/9O<%9K/<">2V@NR9P7%:B7LG$\5U0+(A3%\Q'],1>=/*>H*F4#BM<#)N^[B
M]G(C@S[DO&WRQS_AEQQX_F82HZ<2?!!, >8J>'U'V"6?[L6.>95R=T,@^U6PFJ"(XD?! $#GF:H]6G"9LG$3S"@6+C%_BP. M:())PA"#(VWGE2@[&J,.E7BQ?JV%G-?
E333]YO[=NGL]66.==V>%G! M-6(X,XF#DFG[4+LYB873=YBJ+C!":C?-U1*F#.5JF'*:58%IPO%KBMF;1T&C MH0-EV,[1;M#4^0CIM07A?$[V/M>JD*IKJ=9K.TY7+?G^X%.;[/VH(3*?/12< M4?
5M^'_0O2JXRNLD*!F;NO H?E[ML*&OJZP)&L%"N(!J-I M,F#*?:]P-VC"]AO!4AHC-_8R%QPS#"W_^Y5$BYQ:((/NH]'9_P%02P,$% M @ {%F6=<0<55E P C@<<!D :X;"]W;W)K&ULG55-
;^,V$+WG5PRTQW?2U:<;)JU#239%NUA@2#I;@]%#S0ULMA0I)8< MV7%_?6:N,R^;3M/80YE/?DS4.'P+$OFU5V RA M]>9-LYV"X]FV9 LY/-IIY;XA/2E>P@\R_,=!*QGV>WXYFXB]LG@
MJ\%U/!B#9++P_EDFOU.SK!!":%&3("C^K? >K14@IO%MBYGM0XKCX7B'_G/* MG7-9J(CWWOYN*FIFV74&%=:JM_3HU[_@-I]+P=/>QO2%]6![66:@^TB^W3HS
M@L]XX:]>MCH<.%P7;SB46X(H(@*7#9>9XV_%%S=L0#=*%,1@_L8* M%AO %Y)Z7B%T;.\(K"&S5*%?(Q T)$,^1+[A[&V5:8$:1?QIV 9[_^ZZ"_ X M&*$+ONHUQ3/CZB"\H.^XS-G4!*9
7.A<^;VR8LB$:3."1XS>]]D=^/K?',-'M\ SPAO_B+,,0)O.:&7M!HA;%&CON*LQB3,12OM(O).&2EI7Y!8AVD2S=*9F M1XY:J9.;'JBU"M6@KW%_]2[UJCKD7UO*XZ.*Z$I&K3*]34K*A=47**R*)G(
MCJIKYHO5JS"<3KE&Z77K+ M-Z!F*L /4 JL56QD#?D:5>G&52OE-,(/,!X7Y^_)"<>*!+#_HD2V&97H)HFCL M:&B7^]7]8W,[]-A7\^&E^JS"TO A6:S9M1A]N,P@#-U_F)#O4L==>.!+^G88-
M/Y@8Q(#W:^]-Y$ ^R=X @]02P,$% @-[{%#66WXR@<&_P 7P8 !D M !X;"]W;W)K&ULC55M3]LP$/[>7W$*$]JDCJ0! ME++>V4NF8 DW0"AC3 .V#FUP3:WX)MD),?[^STW:@0<6]+#
[[{KGGL7V7_D*;_M/[9$=+"40ME!5#!7G<6QS4J4S!{H"A6MS+61S)%IBMA6!ED>@]2(TR3IQ9)Q M%0W[86YJAGU=.\$53@W86DIF5AHOM>30U9 M\18EYQ*5Y5J!P?D@&G7.+@ZJ?
W"XY{BP3\;@ED#GXXWZ)^-#=M(R8Q,'6OS@N2L'T4D$.AI!5ENGY3J8&$BNFB];KO?A22X\H=RZPRMMA\[@O6+ M<;:.&N&@@TE<@3N%**U=:N%0YYL_C8Z*SY91N.%VD.P%OL3J ;M*&-
*$D/=^!U MMQJ[! . W5HWP.S2SSM"_^/V2W :M^S*.KY(S6{$,!Q&5@47SB-%P*Z_32\YW M<#W<D>M/Z7?(.". M<+T=0J?3KAOQ]+W=
<2&@,OJ1YPBXS$1MJ3:AMNAS9F@KN@#%HDV"Z(DRTK:%W"8E4H+77"T0#T,&$A_M6\4*YABRO8.CI)TD"1S1'E5LY?6U:%YYQF2SF4!X[_=A?^\D39/S,S^#FF!U MSC_
1+4V\H\;]>VP,9F6%5,K*&DO#"'S/$P,]+V2J^)YALIPE?&*"6!2U\HU MU-+CP.VEBQ4_*7J]I@BMS5)6"F[J?SN[[9ZCIFG\&PO=V]R:W-
H965T@/%M3295B2_(ESLU5BF//>C>)4]$D4UM,^P"1D{2}!B ME.WY^CW= $G(I6\V+H C;Z>/@WJ]8VQW]U:J5K<%GGIWNRMZ[IZ>7#@TK4J MI-LWE2KQS=+180M9X:U<'KK)*9KRIR
^FX_')02%UN7?VFC_[9,]>FZ,:.=D^ M6>&:HI#V[JW*S^\%CO5K7],'!V>M*KM1.BUX),61CSG=Y<96_VQJ21RE5:DPB)?QMUKO*<_M)$&/"T'H7G0ZUB_^FK=.7)29RK,W M'T#E3N]IJ_?,Z4Z!?._
M(8.]O,.A>51,+UT4_5F#]7BE-VHO;/??YNK_E\'IE-814.?R^4J6R,L_O MZ'M5U7YOO5;B2ZGQ+IG3.6S_K% 6&2N>T+>__W8ZG8Y?.3&;?>*7DU=/A2PS M4376-935M6$IT:F9=FEN7&.5L
V=3>NM6C4YF\UGT):Y2ANK.QU67-RF:UFN M5'\)NBD([AJA8A?G%>:.]VPX5M3>JQF]1ZUJ76+ZUS0YL>YST_R M_>3Y*Y?(}J.$>40,1Y>$06_>?J>D%8H02KQ3J2H6RHK#"6/,(>E' >H/FY5E M
XF?.88"6E.,$)/QLW_CO!SK6BL2I-]_T%:./#48]:^N"K)5<)4NB2,H4LA M2W1"TF[4)>JO%AR\3YU.(#5"BN C)*VEO3+[AE;B%Y:PS#G"?(2T\C6>+*6V M2*EMEU?&:.0K'")(I=&NQ1'-
WG1O/;=*:3*?^)V=(E&] MMDKY4,*IHN#VD'CGSZGHO?<#P@OD,,6\TUYS 62H?>Kj;9FVA\ R9):ZK> 1 MY>,++ R*!%[7]:&"P^ %("RU'6W$G5{6!3T+@CT8B[#98:H 1(>&3OQI*@_"1
MW7"B3,5S=*U=KLL\-9F=$H:[#,0FL5AN,!ZL//;ARY]DO,<,0DM=WT6(9A%B M34C9EQ-%HI#?@4H!955[[DA\:{(5"_3Y+!T(:L4)CO*4B·!R277ETXM*'?K(M@4H+F\<,Y%3 IUW*A\
[Y+Q*@MNU:2X=CV]4\L)"&$'T/G6K5191-.HDR'&.1- MP_7>*\N)U:=LFXO,9.%"R.I<01"U0669!E4*UF,L7.(1%E*2M08916:,\W%6 M*S02[[-HHR^2R(G"_]%2F>0:2F>A.H'[SI1RD2O1P L>%5)MTZ:
"R ;H}^L M-%:-]1-1+>%@LI$YFQT @=H'@8'<2)VSM*4U1=##F<9"T/X6MT4=%8ZPX!O' MU40>N)<,7\1C5/+)D>_YYV5)9@L+Y+V/E(M\]#-NG6I2 (0>1OM;
[Q#NRNLW8G/)QT\"R$Q[>.U@/.+H,PH6=6X=QH9,G M9DQ"'[.*48RIH"^A?16]B,(!YZE0)_\0QZ/\)#?)/_=E5\$S%[,6CN" ?]U$H-UZ+&!.]$A6]_T%HU#ICBW#9UK MZ4(@H24E0Z!$4)320E&#)XY-?
ZJ.Q],NR1R*(#V<8$>G MH_&+X]'A^&A7O3[OZO7YSGJ=*]_LALIUY\[AO6!XEK/R*$)A.),L_$ MHK*F/,L2KL!+JG-*3A]1Y[M_3$'C:8ARJ0-Y'U:)6@9CENF XQ)/B>")]T#*%Q/AH\>G>UB!(@![G>
Z]WP6(,H-]9%YQM/C': MP@SLJU2];FV2[FR!IUU)G>XLJ:N^/4/9JZXM0U5"H*%*VREPN+Z4Y*A4QA: M6W>T^4 1Y H$Y7F6,WCWK,%#H^=)N2E784& 38INQ#N(B*%18$K,^ JVW9!# M-
#QF;4D8RY0/ Y=AX&Z!OX;ZYY-XN.(7*S2FBCD+T3H01# N+NG4X&_J^GWQ M%_%!OH9H]0'<8HB+F'Z7!BZ!TFP=_5&<(]QA(K, $SQA=Z09# V07#$\@Y6B M'$AAXN=-39=$!/?
1Q!L&O,X^)FUMRK)9R,9]F/J7L0+J%JS:C?KU'C9O+ V^ M (3,31D- 25LF5L6,<1]\='L2N(771*_V)G$ER3Q*ZM_73UVF[A3Q'#:DMPD-MEBMF\\ /D=' K\#,1)7'8E?U6ZVC:^<<2IS-?W?
F8(<-6Q)*=*C9>.,CG4$*?6 M8/)^ZWODI/@C-PN<=(FXBJLK\?[3%O[SDH_8U45!:OZKY/+K====0T,5@NCZD8EKQ,\MZIYTJ@TZ MP1>,0W\\$(VA/9H):+1/ZXBXGS^-
K*]P\GO>A70=+;L!;&CX56U=CXTSQ-B MNM-^T,&ZN\G8Y!$GBS/^.A51877\',38YO/]]^WF[+(@+"))"3I7IJW.@&\C,>S],//G35#H5A].3IR_%!W]K MT'%/[95T(SV(KS^S6#&?[NQF?:?
C9QB@'JK!G_=VO%.+6@2]N_^1YPA9SJ,B MC=6B#,9W_,3<6:6XH)GA XFKM$.+S#?(XU;Z'+HICFREVI]^YP8#'1_#LT& M<)G9T+1"?N,6TET[,F:Y]@XQ"U=3/.S!QW2_N+_E$=FU&8B]G,W?
4K7-FE7C M:E[CCX)R[GR=<\02NOW3]R)NH/) N5-35NG4"O[3ZNEW==%^Q;A@!9 MJ><6.XR=X?*(@DX$_N)M^\F#H>@BUB41>K)<6@3$H_NUNHEKX719,@5< F#[N^K)<9N! 4WCO><' M?
+7+4(M18TOLR_Z1OE*.E?4!>GAU2"H=6\UH[.FQR(W8M5H_W@LTUE"+)2O M)61 L4 ,+>5G/=39'[VSM2H,^/T%\&X4C9[63W:BZ" (784$;&KB N(_Z#R[MP/173TA^Y02\3_P,00[<>IX;H6U;
(Y337<(0(5_+C)^O4":U3VN0Y.3WT;#C MA]A#%XBD#\3^D+\HA]*%,JN^.<@Q#Z@M/_-1/=I]Y.3F?^A1;_<_U[E@[1(M:2=RM<36\?[SXSUA_4]
_)O:5/RSBX6I:U?PF{62*%=:@.^?!@OEO*$#NA_B MG/T?4$L#!!0 (. R!9ED,32,+EP(`!7% 9 >&PO=V]R:W M!F09A>,!,BG1],/YW23Z9"M/!2"VD6065M,XLB M4U18,W.F&I1TLE:Z9I9HE"
[19 $^\ ]WU36!:)\WK -+M%^,^XT>5&/4O(:I>%*@L;U(KA(M9IZ MPD-[CW[M>Z=>5LS@%R4>>6FK13 -H,0UVP![KW;?L.MG[/ *)8Q_P]['.8! M%%MC5=T5$X.:R_,-7KKO<% PC=\H2+N"U/-
N+_(LKYAE^5RK'6B736C.*WZ M:B+'1!O*TFHZY51G\QOYC-(J_0H?']A*H/DTCRSANM.HZ# N6XST#8QSN%72 M5@:,^RA++?^LCXM.32O>D+M.3@*MLSF
8AY#&Z>@$WK!O>56(*@\J/2D3P)PD.t1;L&$ZR M,/"@+!.$0T,@H,1,63@^*QD40'DJE1,_QB,,3T5MI6<7VTWST7K>3^IK>+ MZY;I#9+&<!*ZI-#[+{Q@'H=AFTCE6-%^!*69*S-RO:GZA=
IVOE;}{QUW0,^3\ M#U!+ P04 " #L@6998]'S+ -<# #>!P &0 'AL+W=O^_@AE/!V-%_!4FB]9%[]= MGD6"150*XV109:P8J4O91Y]!C?. 0.O / ,[*183FABOH#P==$:&U$TQ3 MJK%&<@G3/V6F!-
XF:*?\,\9(%0R3X$\<0623&ZA-E(?FL8A!_R<^_Z$5> M#&R%_C6*!92^QH4O[X"O[GCD3,62W+,0PEU[&WE7Y+TM^:,%W%' &^15I.4WB M.5[[*%ZK2D;+X'4/X$U@KL@DD4'Y%{
^3&:2R6P<[N"[, :NW'TLW4ESD- M8&AAMT@0*[#\LQ.WZ]P>8=JNF+./H?ILS,;YPB7^#1[N_9Q_1HU#[B8YD Y$Q MOPJR.9; _LFF*B80E%+72%M-@G6"+2IS,$U&F*&4EQ6S!LPEE23B*,X!LD\.
MLF_L>JP[:A2UN(/<1)\I51"B0*@-.3NY\5SW%OM&"&"*G!+OVFDZCH.[M]J0AB'6Z'O&F.0T1J0.>CV;U1OM"8&O%?4?<@5GCD\BCB M7F(/ !4QJUW$WC!YA7!K3&; $HX# % /@PAJ,+L%25L-
K5+S9K^K%A,_4+Q(P2FM1CI7UQV+B&*:% ?%<_."S{G" M>6"V,0Y@$%H![R..<90'[: .Z?X?4$L#!!0 (. R!9EG]7ER^!% @-' M 9 >&PO=V]R:W-H965TLK^CTX \RB%P!)
M#TB<[BZ14_F!&;9:*'D$9:.)S79MN1)B^0SN&3%*;4<"<*+'[$ MAR1P4)F<5-XF5PFWV(Q@' 601$EZA6\5#UV?-D+?'V%?ZYWVBCZ,?ZZ5&-' M.,Y,82_+C6Y8CDN?;H-
&]0WJU>M7<1:]NR(P'02FU]A76[I\15LAR#U\84HQ M833<:]UB 4P4\%MKM*$.%X=++TJ^27Y;^UA[EHHTV6.]0#;OMTGW O)^-W>PX M@..)%7]6)9]5 1>02R'ZRW?DIH0]%TSD=I$I[&V
_VVQ&G;6'F[?@3M .CU M7*+WYEZ :-V0B'\)^?3;KARKWEMO{T[G T3\0I5SC= HGB\I- EH I,H"(H M@I^]7SGEO@;8*UD3*AG%F85&$ =)% ?S-(5L3OTT]3;MKN+Y:=\NL!6XHA'
MR03BZ3Q(*7??>@_HCDH89EVLOZGZ/[^1^/I!*,!C,CS8-9',%LG@8I%7OIUP_/W*E&=7 >K.GO M:(7IC&J8'6Q^W;G;&PO=V]R:W-H965T;OW]B> M\6BO]++)/9,9:2+$'<&;:
[=W<6RJ#;,21&J+'QV.K42Z]4]O$ M*6 YW,JZ"R8C/_:@)R.ULTW=X8,&LVM,J;_-L%'[<9 $QX'>KVQ,B">C+9R MC7.T3]L'3;WXI+*L6^Q,K3K0N!H'T^1N)IR]__B]QKTY.X.+9*'4L^O\O!P' MS
%A@Y5U"1+^7O >F\8)$>9?!W@M*1S/&\?U7_TL5,L"VGP7C6?ZZ7=C(,B M@"6NY*ZQCVK_$Q[BR9Q>I1KCO[#O,04/H-H9JJJ#,9.2+$"-SC=@[M#NG)!?
7<_4*>\@=IY62DU1ZTLR8UU_"A>F^"]SMW$'.K:,8F/SN9;Z3&VQG% MM81[U=)9&^FW.-';7#1H(HQB2\LXX[@Z2,YZR?0=R1(^J6@IA;53W#4U=;_[MH%:F?ZV6'!J9NG[H6$270A&]E5"-+"+
[+,46V !,I,A)SE\"V(B)= &Q@R MQJB;!!$K;A[G3P,6=&9.X):&;_MO/W$0'B2IJPWP!(J$D,O4(R<%)"(/ M,RX<,HMR]D]D-WN#ZT8&*0O3M%\QC_+R7X B%$D_38L08!Z6PZ,Y+RYOZJY#
MRA\H6!F6Q2M?4H9<>+XDRI*W?"7!^YL691Q*(.$Y;??,XSK#+D+!SO>U.$7)HS*]B$UI,]'?'F)/0C%T].Y'I%&.0UDD(4^%#T9P MN)1<\5E9,%%&O?
$W4*E=9_L*>1H]O2_3OJR^FO>/$YWQNNX,-+@B5Q8-LP!T M7_#[CE5;7V07RE+)]LT-O9&HG0'-KY2RQXY;X/3J3OX&4$L#!!0 (. R! M9EDD-&)!P0 '4* 9 >&PO=V]R:W-
H965T*EZKI55HW9PYCLH*K@Z%0W6]&0K M9,4T;>7.48U$EG=&%7=\UXV5EAK4I1@\3MTCKWSB[FYGYWX;<2 M]^K9&DPD&R'NS.:??&FYAA!RS+!!8/1WCY?(N0$B&E\&3&MR:0R?KT?
TG[K8 M*98 4W@1^&V9ZV)}1;DN&4MU]=8.+\70$,%%?POI_F[L6Y"U2HMJ,"8& M55GW ^QAR,,S@\1]Q< ?#/R.=^^H8_F.,9;2+ $:6X3FEETH7;61*ZL35'6
M6M+3DNSTZB/5_5>A%#0HX5)4%65J73"\\.:&;3BJDX6CR8^Y{60#YD6/Z;^" MF<('4>M"P?LZQ_REO4A)]+^2/+"/PJXQN84 M<&W_7#(WC!%'30X46OX+UG MLB[KG8(K"KJ/JO?
SC=*2>N2/0_'V<,%A.*.,]6P#)<6"4.AO$=K]<-W7N3^ M>(1L.)$-CZ&OUJ3#O.4(8@L73)49L#J'=R5O->8PU6*Y1#_XQYN'IQM!2=] M4E) ,Z"Z@T*M@$2O"] %0B.JIM6L4Q(1T?!W.V&"9S,;KO7
.9O MV3U>JM!W79D*4O*I$%]JA'60\9+1FO1\)&@)VM?TK=-VP_3FW?=R&TW7EB MAUX 1"]*[#2-S9D?V?$)\-LK1OW9)\;NO=0 !GPCV-AY5W&KCC*HW#R1$AS"&L:>2M%],6TNEC&S.
[*6,96&AI(/,5" MD!FCAIH1SB-]_UJ>TQ'51Y=O1QIG\\\E{O}3*>F_V}3FUVO/RO3C4TKLX*^ MOB_;$CP[3&+2:0)IDMC1//KV9';+I*2O3YJK_)+/6,PD.(HM"_J7>_.9E=
MB!IRHTNCCYKJ_3HMGTBX]CR:$TK@IW;LIH?.9C=",_[4.V.!R6T2V+$?DU%*$ M*Y<$=.CLD*:<9Z_A7+7#3R*Z+6U[}>Z72-J<[[4>+I>C^0?6!R5U*7<-R2 M*4F;5"+[(:??:-
%T@\5&:!I3NF5!;P5%-FR,@VG27/T)4$L#!!0 M (.R!9EF@A0-(T (>4+ 9 >&PO=V]R:W-H965TP"%AG-Y S9*Y5?N*Y,]\"P'$< M,OUDRP7#2F_%S16Y +RQ(D=,P;F+L,D<^*9O7+H$
MR@]SQW>>;]R1W5Z9&VX\R_$.5]!^Y+="[]R&LB$,,DEXA@1LY\Y7_V(9F7@; M\)/ 01ZMD3G)FO-[L_F^F3N>*0@HI,H0L+Z4L !*#4B7\5 SG2:E$1ZOG^E+ M>W9]EC66L.#T%]FH_=SYY*-
;'%!U1?-Z/(Z/+;_E%-]?}&ABHVF#DH+J3BK MQ;H"1K+JBA-K/AP)_^)05 +@O\$P><3@K 6A'TSC&O!N*\@J51?\&D%DQL
M[ZMFV4XG6.%X)O@<!"1.M:69A[,)JW6"2F3_62@G]E&B=BA.0J2"Y=9EOT64A M=8"4Z$,""A,JT0T6 AOW/Z)S]!.Y2.ZQ #ESE&\TU=E$-016&\5S.[2LN=(CD%WN]=P,P@3HYUO.U?/&S$'- M)!
[_!5!+ P04 " #L@69968S+6&X# ##0 &0 'AL+W=O2N*+#X.0'*#V/+M1X6OI#-5ID%.QV5>-+4% -+>Z%G=LN2DP*8))PA M >NQ=><.%[&)KP+^)G"01V-
D3K+B)N9?,S'EF,V!!0R9I MP_MG#%"@U1'H; MWQM.JY4TP-/Q _NB.KL^RPI+F'+/Z#\G5=FPE%LIAZ7=4?>&'#]"<)S1\&>>R M^HL.=6SL6RC;2<6+E1*QW4!!6_^(?C0]' ,W3#?:-@'<*")X ^ W
OU0A: #! MI0IA P@O!40 (*J\K\VJG)YAA=.1X ,'/7A;N]!:X3U8 M,2%Z"9=0WB+?>8\\QPLZ]C.]'.YW'>?/U.= _IK[HA\@TW"W"_[(2[\M*[_B MBY[@ZZ]??^]64@E]E?S752PUG]_9Z[7H2QQ!F
+WY\2Q!ZL],TK-W+^ZLK4 M-SI%,LMPBQ'F1G]QW98PI,R:[DUE1Q165> M=?LT=,,HC\FJ*+PTMT8&1Y{W?C08^&Y\XFYXMK<;,Q"'27#BR*R#T74\9^ &@Q/O.BACS><$ MR>/
1>_Q_F>I1JUY4:]Y^C+.%3N*%>2FZ="WD>KR,3H_=9 X@!W@A,C>^5> M6J87R\ZO*;N(SC/GQTD2N6'87:IQZW,K%^L[6K;L=]5C>K)^L0=3MV.]9D[G-<-^6_Z^O/@$9Q8;PB2BL-92SFVL
M_QM%W7+7$\7+JD5<<:4;SFJXU5\I($R ?K[F7#U,C$#[W9/^ E!+ P04 M* #L@699,]&& \D" N*P &0 'AL+W=O)#7Z?8[_QNK#65// 40Z"7/"CXQ4B'*]/D20HYYJ>TA$*^
M65*68R&G;&7RD@%>:%&>F8YE!6:.26&$8_WLCH5C6HF,%'#'$*_R'+,_5Y#1 MS<2PC=<'JV25"O7 #,((6'1D+!X(-A.:MPV-6X?O4[-
M=70[1:3@%8,%PCFM'%&0'35II$GJFEZ'CF_)S]A<;QO=&_!8HX>$Q0/!=NSV M6J.]7J/CEP0X1W2YZW9&'5.S?.<^'Y-+?%FQWE6M9W<*.>O=U;"T.!-NQ,&@M M#@ ZLQ>EAM=B+._8B#CIV>
[+(SCMV#QDT[@,;]%Z[VT-SJ_50G^0VSE70&9;"4 M&NMT)#/&ZNZLG@A:ZO9C3H5L9O0PE0TM,+5 OE]2*EXGJJ-I6^3P+U!+ P04 M_" #L@6999P&^.X " "]!@ &0 'AL+W=OV$
M]M_OVE"6)B3:PU[U[[G^!SC>TEJ(9_5&D"3EX*7:N*LM:[&KJNR-11478@* M2EQ9"EE0C:%%[D%I253IK8N7N9)F*C.2OA7A*U*0HJ7Z^! MBWKB^,[,Q-
;K,69<-.DHBN8@WZL[B5&;L>2LP)*Q41))"PGSI4_GD8FWR;\ M8%"KG3$Q3A9"/)O@+!\XGA$$'#)M&"B^MC %&S@T1ROC= MTB& ME>8KSK7$588XG<[Q6N0;#D0LR5VYA5(+^4K.9J
IX^JN!JW M,R W:ZFO&^K@6%R3T/!/ "P8\.EI^ PRA/L6'KZ'NVBRR=][#S'IYB3

M2[8!IKAX0$+%!V]?AN[2HL9B)MUQ-.6.'B&.$17 MG*E"HCG+(1-_I_OQYWOPK@ZRCS381CH-]A(NH#!!H?<.!5X0#=QG]G)X.!3. M_ZG/_UG]43+"ONRAY1O]M>PID1GELA.
OETLI1+ZT_T^5.Z6,!PF-.UL+"N< MP<31_4J"V("3O'GEC[P/0[D^)%EZ2+++Y@<@>527]JQ+M8}^I2B.(@N.<-TPB-MIJ>%'@&4_,1+"FB#:0URJ$)[R8>OCH:*T_*<61XS9S;)*(Q.SV)WLYOU ZG-
M_U3S ^\\]'NY-I7N3H\K0:SM<)$HXS53[7O?>_OY=6';]A/_U!_/__%_]N== M.YY^T[?#\@]+-=&%H+#24M()F6[!HAU K:%X93OLDBO=K^VRT#;,A#F@]U>< MJZUA!/I_ $C00 /P, 9 >&PO=V]R
M:W-H965T>P_,C#P__H 8[QK\G M*P"!?D1AG R=E1#K6]=-YBN(:'+#UA#+-TO&(RKD+7]TDS4'NDB-HM EGM=Q M(QK$SFB0/IOPT8!M1!C$,.$HV401Y4\?(&2[H8.=YP

-*J ?N:+"FCS.% M\74]X?+.-+;PL@@C8\G& XL\ =DGE&BF4&6/?U@Z:,Q<1-HO]9IA %@3G_0!FX0G:I#-UY M[QV*IY[L\>:MN[DK0@I84M"3UU]D7SHIQ.MP?B=3#K.
M(1:ZX&&=,S&+H]BR<:DTQ@[TO&Q[W?TD]LMF+M&YOLJF"[^_M;J-?3+2KJMG0[W=:>P/L%0'VCIF4:3XIS0S\]AFB&7!M?32Z/K4^6G)6&X5^_M,0I]JQM#WR:X)6IC_KY3JL*4$PF8-I*^TZ%]D'
5C139V>')1LN2M/CRE ,,]NQ79 MJNJRY:T.7^HN;%0W%UWF9^@]?8WKGU8&2*F]B%E[V2L#1*.3M&7 '-!98"4 M@HN<({C2,K O!XQ%P-S=R:NBE'/$+.?N6);W>!G"(
M98"WY*7.7\I%&ULM=U&;^)8@L;QKV)E5ZL9J3O!YEY; M%:DZOE^CKNEMK4;[P@4G"6K 6=M4JJ3]\&O B3E@3&W?^,%5"Z_>6/T>J.:5;I87JU^W/WL&_]F&W*Y6(M[G.MV*Q6.?{C%[',
M7CY=Z5>O/_AU\?A4;G]P<_OQ.7T47T3YV_]7GUW\Z;,%RNQ+A,96LO%PZ>K MS_J'9+P;L+O$?RW$2W'PM;.]*5^S{(_M_]L\TU5O>XW$4LS*+9%6_WP3=V*Y MW$K5]?C?&KUZFW,
[\/#K5]W>W?CJQCQ-"W&7+7]?S,NG3U>3*VTN'M+-LOPU M>W%%?8.&6V^6+8O=_VLO]65[5]IL4Y39JAY<78/58KW_-U>_R$.!NB#,P., M>H!Q/*!_9D"_"M"_=
(9!/6!PZ8!A/6!X/&!X9L"H'C"Z=,"X'C ^&M_=Y4F M]8#)I3-,ZP'32P?IO=={KG?IWTE_N[-/(NVSL[S>W2K)_7UVEM<[7#^YQT?G MAKS>Y2K%][G^>]?O'_W^T?\[NEBIF5Z^S\'7K1\>_C*VWZQ>\
[MQE?/DL5Z M&P]?RKSZ[.(.5][>9>MO(B\77Y=*B[-2%-I]^B/=?I>NYUI2/HG\Z.=_,T69 M+I.%%J=YGFZ?W'_7?M9^^V)?_OWOW^*:LKM:5O9O45\/97P#AS!70MRM;E
M4Z%9Z[F8MXSWU>/[[XT/U>.G[XV/W[G^A@*XJ>Z-M[O$>+U+?C&4XN?-X[76 M,W[2C)XQ.+E"=^KA4?I#Z_7/CC;5H_ÜT?.T9YX=;ZN&FF%UK??TWO.\RW%8/ M_R*>]]F'9X<[%_SE]/'9X>Y[?
[F\&MX_.]R[8'A]VXVV!_(%M[W?_.N7#RX? MWG;EP[\V>_3T9H__VL,FN>1<'!5=>>D9V'\+Q?[.&YV[-4J]97O(\#Y&O-%\M+;5 AM4%-*4J^)_6J[=++WNMWZYM#_
^%,_I3'RZJH[@"I%_$U>W__%O^JCW MGVW/;A(S28=ME\+?;0;4J[GV\^788-M_24#HFY).:1F'_ZES7&O9,_;4#.&5XV9T3.&5_T"$J@*;5G_2#M63]4/NM-
MWRZRUF6A+8IBT[H^^44)='VVDYA)8M8>&QS<5Y/IH/K?T=.=G-,A,9?$/!+S M3_^T^K0WG>C'SW=RTO#"22-RTOBR!U$"S2D]XT=OS_B1\AE_GV:%]!!G M*VUV<'YFO3LA\
[P_#],6!$]X:Q*0E$HG9)..0F$MB'HCG9)..!:06/@G,*UM-M"3Z.3#0>[W3HY&8O/()A$FI,WY+G;$R=7X5V]>2MFN+YWRQGBV>TS2B@:&7 MN@8-
B9DD9HU/'@7#Z;@_'(Z.CCG(21T223F3TZ>RC_KX[&A&T?Y\Y25;F2%:66/;P7*MI* MI,7N-VFI/;S%4EO6*"2NFC4D9I*816(VB3DDYI*81V+^]_0_X#_KHVG_^+Q!
M,&W)B%%O.AK+EPM;O'YOTN\?'1!$%WHQ>6,3").R0N^]A<6VP*-(BW"QGFO. M,OM:+4#L3?6UYVGAO?,/2*R^BKSUY5>UV#4&4,U$-0O5;%1S4,U%-0_5?%0+
M4"U$M0C58E1++*$W.J8/>G(YV1&J."BE2,U'-0C4;U1Q45 ! M[NT$=9E%N]_DLZ>T$-KGQUR(E:A^I%S?D1V^.U0S4,9:%$66_JB7!G_:+OQFU7%6^MB^ M\D,
[Q+4V.5AS]*Y[1Z]MF.B<%JK9J.:@FHMJ'JKYJ!:@6HAJ$:K%J)90FAQ* M37]95Q>8O?4L%]7J;JX];/9O5SI?)%13G8/GM+8Y;:MMFNBT%JK9J.:@FHMJ
M'JKYJ!:@6HAJ$:K%J)90FIP]38M95]>8.Y[P1GO,M3:4#WOTX^A!&\JH9J.:_M@VHNJGFHYJ-:@&HAJD6H%J-:0FER]#3]:5U=H/ZS9[RU_]/NLM6J2JPO93,[
M0WTF"'U7HYJ):A;JV:CFH)J+:AZJ^:@6H%](:A&JQ:B64)H<;@ZJN:CFH9J-:@ZJN:CFH9J/:@&JA:@6H5],:@FER5OF:,5Q0UT/,SP3_O*Z M9\9NX5?L3X[OCK"*[1%66V:I],Z956N'O?
UAVVDH=%8+U6Q4YW5(=,N>/9[]OQTR:DH-=@Y@/234U&#X]:? MB4YIH9J-:@ZJN:CFH9J/:@&JA:@6H5],:@FER>EC-.ES2>N,.Q-5_3Q*OR]6
MFY7RY)3ZG6.,+0^CFH6JMFHYJ":BVH>JOFH%J!:B&H1JL6HEE":G'5-S[SZ MDCPY57-42)&<:B6H6JMFHYJ":BVH>JOFH%J!:B&H1JL6HEE":·%)-E]Q0;]W\ M5T].H=7R6GO_Y!1:&D/#?
^U6A1S43U2Q4LU'-0347U3Q4\U$M0+40U2)4BU$MH30YI]&N:%NF,O; M\[^0;],ZYQ1Z%[9]&:AFHUJ#JJYJ.89I[M#3UK6XSZ.X!](:I%]!:C6D)I
MUJLT_?/8ZN=KH&$:B.J6:AFHYJ#:BZJ>:CFHUJ .B&J1:@6HUI":7(Z M->WO/KLU>!_M?J..B6H6JMFHYJ":BVH>JOFH%J!:B&H1JL6HEE":'%)&$U+J
MDKBW+D7EEEI>K>7+V1Y.374.*+39C6H6JMFHYJ":BVH>JOFU-CTX';+=26=R-M]ZF-)TUO'#6"}TU1K6$TN10:=K8U9>J4$DV95>F?TW?YMM#G_,[OZFESIE"M:B;J6:AFHYJ#:BZJ>:CFHUJ
.B&J1:@6HUI2:XN^NF$= MI?GL:7<^4SM^]ULAO[^M^>5]LTGN[CS2Z3OC"O6Y);26C6HFJEFH9J..@VHN MJGFHYJ-:@&HAJD6H%J-:0FERT#7E[?Z0/;>$%KE1S4OU"]5L5'-0S44U#]5\ M5
M0+42U"-5B5$LH30ZIILC=5^\ ?G?TB=[*CI+:ZIQ0:(L;U2Q4LU'-036W M?[H1>[]M(W8/G=9'M0#50E2+4"U&M832Y/!I"MI]=4'[\Q=+[@70RSZTT8U] M)]I9J&:.CFH-
J+]IYJ.:C6H!](:I%J!:C6D)I^A%WVH<5O5#-1S4(U M&]4<5'-1S4,U'J4"5 M+1+4*U&-422I-#JJF']]7%XF[+/K0JCFHFJEFH9J:. M@VINK1V^C+7#-;AE7!4"U M+14+(U6)42RA-"I]!4PD?
J"OA\C3]>Q):.FZ M-6[4H[O&#:J9J&:AFHUJ#JJY@]-MUO76N$&G]5$M0+40U2)4BU$MH30Y,IJ. M]T"!]P_=KW)0O66OH UM5#-1S4(U&]4<5'-K;?QNWJ#=:U0+4"U$
MM0C58E1++*$W.FZ,'77VIRIM0B' I:VCJZ3O'%:F9J&:AFHUJ#JJYJ..AFH]J M -J%]!:A6HQ]":7)H=9TQ <#]#6T =KO1C43U2Q4LU'-0347U3Q4\U$M0+40
MU2)4BU$MH30YI)^]T"].7>7M^6JJ/C#PWUT!E]5 M0+42U"-5B5$LH34Z>IK]4!>V.]6&U%,G MX$';UZAFH9J.:@ZJN8/3';#/O(Z%/$M1++4"U$-4B5(M1+:.$T.7R:8O5 O.'V
MNUO:JL=W#ART28UJ%JK9J.:@FOO.8Z)\R,0?(LWKSW@HG\3ND]QWG^"W?9@4 MK>>"T#XUJ@6H%]):A&HQJB64)F=3TZ<>]/O4,^>"Q/=GL2[.XPFM4.::B6H6
MJMFHYJ":BVH>JOFUAVK38:]\>1H:[.6RPUTPQC+%PM,+M8?3(VI<;3G6LOE M)B]J,L7B]';FE":]/0? HWFH,K1_OZ.5W,M70VRS=BKBTN2 .UV#4 4,U$ M 6O8TOWM3Z,]J?R(L
%9'51S47XBU@OLES[(F:,O,J#TWW.[O>G30Y+.[L++\K%]KV6)1WOUR.X<-VG%& 0O5;%1S4,U%-0_52%0+ M4"U$M0C58E1++*$T.0.;00,M0S18C2JF:AFH9J.:@ZJN:CFH9J/:@&JA:@6
MH5J,.@FER2'5U*>'RB;C^R>5U>,[IO*IF:AFH9K][M\]O]:,R?E/-G/0J^.B MFH=J/JH%J!:B6H1J,:HEE"8'45-Y'JJWQ?;6LUQ4.[ZY]K#9[_?D-^_=4Y
MD]"Z9.K1ZUU3E[T"8SJEFU)KW@,1R<=EUL=%H'U5Q4\U#-1[4 U4)4BU MOO2! MF5#3RKG2])2'ZI[RY\)'7#SNWAR1+].SQ7.Z5!W4H#UE5#-1S4(U>WBZ@7-= MR3MZ.#CHO"ZJ>:CFHUJ
.B&J1:@6HUI":7+\ &7EH,JL `N:Y^GV[>W;1IB8 MMV8.6E%&-,/6Y"VS#'UPNI(ZO>!HJAN#P?%A"MHK1C47U3Q4\U$M0+40U2)4 MH1+4K'), +7BH,I"^A83XKO(9XM"[-
]4U1H7:,$8U+L@JE=/GZLE%;'JGYKGF$:B.J6:/35NJX M-8_0:1U43838EZ_GV[6 MY94AM=PY9="2<:U))TEWKTH?GTQ!I[51S4$U%]4\5/-1++4"U$-4B5(M1+:,$T
M.8J,)HK4.RE_7HGU7,R]=76$4QW?'&]R^J]\OX3ZFG6.,K2*C&H6JMFHYJ": MBVH>JOFH%J!:B&H1JL6HEE":G'=-%7FT;QA2[Y<8D?'.U0S45.74&UU3FAT)[RZ+2G/##Z+45E
M=%H,U1Q4JOFH%J!:B&H1JL6HEE":G%E- M"7HT8E=U: T.U4Q4LU#-1[4 U4)4BU M1K6$TN20;JK2(W55 M^LMV_C7HO1/E^PJ7X-Z[V#]U+L>3HXVE[M33]PY@-
!MFU'-1C4'U5Q4\U#- M1[4 U4)4BU M1K6$TN0 :DK8(W4)^U>Q2A?K[:+NDK>*U9CT:OYH?/IJ_IUZ MULI[#@^[AC&HVJCFHYJ*:AVH^]@6H%J):A&HQJB64)J=/4^^X>JBC7H3\?
#P7'>H%5M5+-0S48U!]5<5/-0S4>U -5"5(M0+4:UA-*D MO!DW?>ZQNL^]WP/V_-M2QZ=E4<,83 9'6VW?J:?I&C>H9J&:C6H.JKFHYJ&:. MCVH!JH6H%J%:C&H)I*CR2/_PV;BZ.?FYKW\(]):?A_J':/?
SFX:__?B'BEY8O'I[=ORNSYTU5U:[]FJ99FM=E\^B70N\NT%JM_ M9-6A5OW-=I#*7+/]C=W-N_Q)02P,$% @ [(%FE6:0'&-U P $Q(!D M !X,"]W;W)K&ULM5C1;MHP%/T5*Y.F3=]:.$1:
M.HC4T4VKM&JH,.M#M0=#+A#5B9GM0/?WLY,TD 9<6@4>P$[N.,GG^L3<6+!A M_%XL 21Z2&@JAM92RM6Y,8O9$A(BSM@*4G5FSGA"I)KRA2U6'$B4@Q)]NX[C MV0F)4RL#S$?8U((_X'<-
&[(R1EC)E[%Y/K]*AY>B, M@.),:@JB?M8P DHUD\KC;TEJ5=?4P-WQ(_O77+P2,R4"1HS>QI%<#BW?0A', M24;E#=M\@U)03_/-&!7Y-]H4L5['0K.,2):48)5!$J?%+WDH"[$##P.T# +<$ MN,
<".B6@DPLM,LME71)P@&%G&\1UM&+3@[PV.5JIB5.]C!/)U=E8X60X4;Z(M,@}(S=$MX9RD4J K(3*($6@O[".30]I'G"[0NTN0)*,$K'),+7BH,I"^A83XKO(9XN)Y[Z'JP.D,=YP-R';>[!SXRPR]AIN
XAW?]<%LIK^2[E7PWY_,. M\(TH$6)'.V(XN 7P-5OCV M#?:<3_M$MT16*T&G*D"Q![^9)+0?0H+6#>'Z=U@'>+ "7SL#.SU;O+.,#_H MJD\55DNK6Z75-.9U,?E2+-=*\=*%:(JLI
M]BO%_HF\ZK=9@L(:B4{JA($K_JT-PV70<'_MAD7PSS@N>8PNS>VC;Q,[V#]TQ M)C,.IC2>'>5',]+5Z,MMEKKNG48&G\$B3)7%,96B)K5Z&;4.#C;]GPFJI[5MO/ YM9C3)5B]7@JT<5"?Q_ESE?T
M&X9E.8FM7H!M#X/[IW)GJVU-6VSU,FP;&VQL&@SN]!N^O2ZX)7\2I0!3F"N><]97+>?$&HIA(MLH?XJ=,21;DPR60"+@.4.?G MC,G'B7XO4+T""O\#4$L#!!0 (.R!9ED3&PO M=V]R:W-
H965T8H$S,?.),ZXPD,34*SX26$M&V-D2IEQ_FPF=_'8\0PC8! I T'T MSPJN@3&#!G\WH(Z54X3V!SOT+\4Q>MB9D3"-6>/%,+L3-P4 QSDC/UP-=?
M85M0U^!%G,GBBM;EVK[GH"B7BB?;8,T@H6GY2S,;1C0"_Z! \'x!>\RT0%.MRQNB2#@2?(V$6.W1S*.HM8C6Y&AJ5)DJH9]2'·?"J98YSAD@/D>/1 B2*HGN MI,PA1B2-T?=<2:4'-
%V@LQM0A#+Y$9U-B(!4+4'1B+"/(U=I*@,0C;9IK\JT M_J&TD'50X'U"ON>?H_?(17*I(>5+)%<74U7D5Q7Y!71P /IR>KNK!#W=0S(# M\6L?
02N*V0P7,B,1C!W]MDL0*W#"#^]PS_MLX1A4'(,"O7> XS4C4C9:CKA MQ89 3]_T4G2C()%[60:_(EN13VS7L.(};$GD80NLL5=_],TWRKP% M>*'SP,V,&W:#K8DC^8S1Z*@/M!WIU!,5-
H+]EJ3%,5@+KKT%6TW@&&V#/7L8 M=_Q#ZM8&@>T:\0!%1:DBYK_6+2I;$4]M5FTNN-N6RFV8"Z[=!5MMX!B52P < M-%4..D'_D,RU1V"[24R8KDO_5?HRVS@CF//6/1$+FDK$8*[#O$Y?
QXOR"%-,%,^*8\,.*WT(M*89+?>P#81,HYW/.U6YB3B+503+\!U!+_P04_" #L@699IZ#I%BT' "N M0 &0 'AL+W=OP_^R6SL[3#8_"A-Q2Q#9QC.G3%8G2W<5(
M'3U_\#5_&%641QB1A89H@2AXN1!?JF.]9F4'> MXJ^0[-C>:Y0-Y3Y.?V9OKA<7(R7K$8E(P#,$%M^V9$ZB*".)?OPJH./*9V:X M__J9[N:#%X.YQXS,T^A[N."KB]%TA!;D 6\B_C7=^:0T*]LJ
M(Q1L&$-CTECT(Z3XCM^+\1>P."TVV@E09:7P.]_#;!L,7#*:EP:1MH+]@ M8)0&1E\9FE@]6CP2@.KK\&T >]CFT2W"D 3ESM,O?4&C+2YN0/Z'W-N8+N8_0MSL;O?
_]P_F8"^\98QR4GJX*3]H+GG1TDR9\Q9"3+,BBPWXNMS^5 MV(_%J*NA:\]#O]*DP#NR/D&Z\A%IBC;IZL__{?[F^L=YH[<_8 (45_T;DK MM[9)()RK+SKWY.9?TNT)TJP7S?
T^ŸF:7>2.0>J5A/>>9+_N@V 3,R+,R0+] MR5>$HGD:BYE\E4VQ6X*NDR"-"7K_.67L_KQ69BC:TYB]G>7B@M?>K>O,"DY M8VL32I<3&7UV M*Y9A0JE0),.7*0W_Z9P$KPKD)$=F&X_MS%"*?^?
C[;ZT^C.T MI*R*[?AOYA0[7=L!%*HPJE\9I0AHQMNL.H''2D',^C+6QIEX8& M#A+F'NVE!^C.!X(U(F]6D3=?sWEQ#& <)XLP67:%WSP. J,M;&F_AH8?$N8> M[;L'ZO[56X?
3CSY5]8D^:46 ,T-,VKNA(H"$ MN8=#F)B694VMEA0@G?I L(84II44IH.E<&0:F/;50]^&MK2+0 4 "7,/A]"M M!TBG/A"LH8?32@^C4CU\$X[%"6>(/*Y#VCTA2 E##Q.G1Y<,2'<:),R%A'F0 M,!\
(UI"0JM3I%T6^O8@$.R8)1Y?+[&LI*O3CAL3WA':>4.7(H:H"I=F@_ >4 MYH+2/%":#T5KRG O"ZB^80JE= 8E4$B:#4IS0&DN*,T#I?E0M*9 M5J@6I_% M5K+W+@'[RZ.FF*;9VFGU:V;+NS-8)I
T%Y3F@=)\%I3)G4F6)4F&),.(Z%! MR A:TS @G3(I ,9>.*I FG..;'%.. RI%SG+0$\$4].Y;KW6TI9,#M85:,X6E.:!TGPH6E-7 M=8Y8E2>)71Q2M,71AJ#T
>U*E76*"C(}.BJUOZ2IDZLT_9L!9I/!J6YH#0/ ME.9#T9]JJO//ZK$$=+(@5^_)^)T/(O.LY&)-P[1TK96 ZVBG*Y;JJ/6 M$5?>Z\%J DWN@](4)H/16NJJ4[N:_+D_C5C&YP$>=JDN%XA1,0(YT).6*R M6?
#KW;=N"76D\\VIHDW;$CIL-U'4TU.MK:. .GJ$KK?* (Q_08&F)O1!:3X4 MK2F.J&OR1/Z^]+8GU;00TK%E,.SFGD4!F)=) @O*: T'XK65%9=!=#D^??._3WZ%Q5+&P^SM>Q+MK#A9%$E MWVXW-
%AAH;7+9UH"[*

7.,DQ_4)!0X!PZZZ_!%NKW>W3. MH94&%$U>O;2K-CZ2L,)BU;J":=?W3-O02_=G(Z*QQ3Q?-=T^@LBGA/O>75 M:3&*)JNC_]M_87^))X*IZ>,40C4YT=M%H-N5HC:K BZ63&*)DNM<_=MO;NO M6U=*WW6,OA17YBO6E4+%8XIXJG6ESHFG.0)![RM T619=-:\K,?F1]]JU/*D MK]QW[%GOJ#]7M%/>·Z1J9]J>V0!0I0(-,"CGT" MVW4'.Z&?$T^C'ZBQC:+M]3,]>J;4FI?+W?/%*K({BVN"''UZ>(,9}> {}7;W/ MWYEOYZ;B\\\R_9/*.OP^P>FB9%YF>456?%[$&ULK51M;],P M$/XKED%HDV#.2]NADD3:4B'X *I6#3X@/KC)I,'FEV {[?CWV$X:=5(W(<27 MV&??\]P]%]]E!Z4?3 M@T:/@TN2XM;9;$F*]%@0U5ZH#Z6X:I06USM0[8CH- MM X@P4D210LB*).XR,+96A>9ZBUG$M8:F5X(JG_? E>",?X>'#'=JWU!Z3(M.KJ##=C[;JV=12:6F@F0ABF)-
#0YOHF79>K]@\,W!@=SLD=>R5:I!V]\KG,< M^82 0V4] W7+'DK@W!.Y·'Z·G'@*Z8&G^R/[QZ#=:=E2 Z7BWUEMVQR_QZB& MAO;HB1*9F?@YS)I3P+?XI^TKYBI MN#*]!O3C9FNL=B_NYSG-0Y#T?!#?A4O3T0IR[K,@ X#+MZ\BA?1AW,5^$]D M3^J13O5(7V(OO'ZO$G%&MXPSZ\O0:"50S9Q^MNU#YU4ME1*X.5>+()1G9GZH\YY;,Y_/);>^E99USAAV[K1!MH[N/M&*7LT?/=,P[+X U!+P04 " #L@699R_>^ MXUH# #X$0 &0 'AL+W=O'VF1__Z ,IE(=+GY M@W!PS^>XY\%7CO&&T$>V N!H&T<)FV@KSM-S76?^"F+,.B2%1)Q9$!IC+IIT MJ;.4 @YR41SIEF'8>HS#*1'/&^;$I=<8DXU&8P)0BEL4QIL^7$)'-1#.UEP·W MX7+%Y0'=&:=X"3/@]^7+BI9>48(PAH2%)$$4%A/MPCSW3$,*\A[?0MBPG7TD·MIS(GY%$VKH.)9L@K@@A\+A%8,·9P!5$D2>(ZGDJH5HTIA;O{+_2/^>3%9.:8 MP16)OH+N>?&N9AC9TS)!E'9 M6]#D3NY^KA9^A8F\46:9B4J8JQ+F*8+5,K&K3.S_58M:P.>F M8^]5A:,BX:H8I@M?R&57Y#M;5LJ#(3E3!7)8+L.$H0@6 F]T M!N)!@!.O&8H&)VF^CIX3+E;E^>X*<·!4=A#G%T3\9Y<-N32O7O8XOP%02P,$ M% @ [{%F62"Q&+ , P SA0 T !X,"]S=`EL97,N>&UL[5A=3]LP M%/TKD1D32!·I&TB;T5;:*B%·VB8D>-@;0XF>.REE_W]A / _#M.EXH MTUI{'M\SCVVKQ5#O})+P>YFC.E@D0M9#FJ:5B5BM&T E(NPDZK%8W^2Z"B;%7.H!Z3:AP#Z^1/2CB}) M8.5&1Z:L#I%%=3#3>M%JW'GAH5RSK%.%T/S5A2,Z&#D7N'K='>14(GE!PDOD<.$>ZV_%-N;4[9DD-7 M*L_^5LAUQ43$!HPZS5GP2,6 C*C@8\6!E=& 50\,^7Y;&X5319;MS1=.$^F&2C N5,M6D:9·5:-@7+ , [BD]G\·1%&0*H=9&; M1LKIM)"T]K!BN(.1G3 A[N"(_\BVM!?9QK[5NR:,IC'DFE,&=D! 4\UJ,\I> MOD@W*/ECH3_/S71DW8="8[>*97Q1]Q=98P!3,^/JM"S%\I/@4YDS. F#$P[[M=,4+9H7B3R8,E,K$!)@BP2·3FD\V([\4+> 90J_*:9'AGCO_/? !\Y1)!JC8 M·&\UJ_P#'4?>U+·=G=·>PUZ·["QZWR5<[8B_>>G<#..YE=3>*8S?Y)DY1[RV8 M3([?9/0&/+K{Y=&9# U-·.ZM779:J(!7&H'Y#M M.A^+8=YZ7J2' 6&M]MO$+VUP&VI_LJ!)LI7HG83/&U!L2 ;L!($O]N8WF @>T" M5CN0WY\'·LK/B2+85·/E_G;@2=&A(E@6FD7)TZ(= MI7\=Q .0T^FO8R*T>EOH^7%H5J.W&,EC'%BM/XU@LD/['X 4$L#!!0 (M .R!9EFVTV E%@0 #4> / >&PO=V]R:V)O;VLN>&ULQ9E+<],P$(#_MBL:GSDILB0[·P47·*+*O* MY]UJ/TE^J!5(O+ 4NN46+_7UR*PT M\,K4 +9M1MEX?#1JN9#)VS?,L2[T*+Q0%DHKE,1&U_!5P*WY?=]=LK4P8B$: M83>3Q']O(&&MD*(5/Z&:)..$F5K=?E)·_%32\F9>:M4TDR3M;WP%;47Y5_/< M05[QA?$MEB\N.8),DJ,Q#K@4VEC?PX_/D7$-V+F_ZJSZ(!H+>LHM?·2J6PEY M[8;!IQ@%C^'CL/WL@WBL R>,.KD4)4Q5V;4@;1]'#8T#E*86*Y,PR5N8)*=] M#=H]# [K.]?S2)4$"E]+/"&GE4>+R:*K$:J @);[@L@?GX&7;P1?*N"B S M C+;(^3W+(#,"U>6JI.#69V.J2H^CIQHEU N MJSZS[W]T8LT;E^T0D·1,9,_Y!H[*+T)@2BEI/&=LG9+#/Q5=H;K&<,N^(.[M*Q?&\Q"3DDH:V2KWY:2I0)OO/K%V$$+*)6EDF5P"YK2#$(>R1AI9&_.:WA^ MPEVY7:S9V9,1T6>P0·,2D'Y,$=1&$.SSHI!^61 M'?2XSQ_F4HA).2B/[*#[+>J_9CGEGSRV?X*$7X*Q6I36']AA@-F7:4_{) M8Q>$[5P;^=&Q]N4?XHG]__"BM({%/&&PO>5->:.8^^C/6XM =CRR[ICG%MG/Y6?%J^]9S^\,V M[?]02P,$% @ [{%F6;@VQ·RI 0 +AL !H !X;"}?/L@*.!8*=*@/96UMCS^&W^RUK.O4)7I4)_C_M#$WN54G>.\V*?4?#@7U_MP M*F._;L+Y=F5;MZZ·N$_$^OM]K . MG_7Z^Q3.Z8_![J=NCW$?0BIZ[[+=A30OW*5ZGH{N?I#^,;7+16V[F1,O<2.%R M!RD$:?X@@R#+'^0AR.BOJK01Z*^]M!'HKZJT$>BOJ_MK01Z*^JM!'H;ZFT$>AOJ,01Z&^1M!'1,9[.$0&]#O8U ,T.]C4!O0[V·0&]# MO8U ,T.]C4!O0[V-0&^/>GL"O3WJ[0GT]JBW)]#,H]Z>0&_?V>PFT·NCWOZ= M>L=TK4)\]CS6^/QW4IUN]X,GX^_+Q\G."W7'V<'OL<4O4$L#!!0 (.R! M9EE3V2LIL@$ %,, 3 6T·O;G1E;G1?5'EP97-=+GAM;,V9S6[",!"$ M7P7EBHBQG=(? 9>VUY9#7\!-B0BB2W;4'C[.N%':D6C(BIU+K$2[\Z,O=)W MR?1M9\@-MG75N%E4>&\>&'-!0;5RL3;4A)U7MT<$A#IU=C2M*XX:A(&)C'=J=GPT.?\;LK,,·!·!0UK^H.E2Q;<6H?K_=!VU&PO=&AE;64O=&AE;64Q+GAM;%!+ 0(4 Q0 (.R! M9EG%H$NS<08 'LD 8 " @0T(!X,"]W;W)K&PO=V]R:W-H965T&UL4$L! A0#% M @ [{%F65(TWT2U P N \ !@ ("!Q14 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ [{%F610Z'B P %5T 8 " @64H M !X,"]W;W)K&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F6;2/[9FY$!X,"]W;W)K&UL4$L! A0#% @ [{%F65:·!0A1 P > < !D M ("!D%$ 'AL+W=O&PO=V]R M:W-H965T&UL M4$L! A0#% @ [{%F6&PO=V]R:W-H965T&UL4$L! A0#% @ M[{%F65Z//&'; @ 108 !D ("!+', 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F61M·(PN7 @ G04 !D M ("!>Y8 'AL+W=O!P &0 @(%)F0 >&PO=V]R:W-H M965T< !X,"]W;W)K&UL4$L! M A0#% @ [{%F62S*KU]< P @0< !D ("!VY\ 'AL M+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F M65F,RUAN P PT !D ("!LZH 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F62>YH:F3@ $0@ M !D ("!#[0 'AL+W=OZ+WA(T$ #\&P &0 @('9M@ M>&PO=V]R:W-H965T0V MUA, -=! 0 9 " @9V[!X,"]W;W)K&UL4$L! A0#% @ [{%F66.0'&-U P $Q(!D M ("!J\'AL+W=O&PO=V]R:W-H965T M&UL4$L! A0# M% @ [{%F6?%22,'V 0 0@0 !D ("!&]X 'AL+W=O M&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F60T3 M;_Z! P Y P !D ("!J^L'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ [{%F6=CBPTL^ @ . 4 !D M ("!'OX 'AL+W=O^XUH# #X$0 &0 @(&3 $ >&PO M=V]R:W-H965T7!E&UL4$L%!@ U #4 :@X (L0 0 $! end XML 58 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={};Show.LastAR=null,Show.showAR=function(a,r,w)
{if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)?w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0), 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.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'} e.style.display=d;if(a.textContent)
{a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} } XML 59 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 a { display: block; font-weight: bold; } .report table.authRefData p { margin-top: 0px; } .report table.authRefData .hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover { 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 #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-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.a { cursor: pointer; display: block, width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .reu table td { 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 .note { font-style: italic, font-weight: bold; } .report .text .small { width: 10em; } .report sup { font-style: italic; } .report .outerFootnotes { font-size: 1em; } XML 61 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.3 html 200 233 1 false 51 0 false 5 false false R1.htm 00000001 - Document - Cover Sheet http://ainos.com/role/Cover Cover 1 false false R2.htm 00000002 - Statement - Condensed Balance Sheets (Unaudited) Sheet http://ainos.com/role/BalanceSheets Condensed Balance Sheets (Unaudited) Statements 2 false false R3.htm 00000003 - Statement - Condensed Balance Sheets (Unaudited) (Parenthetical) Sheet http://ainos.com/role/BalanceSheetsParenthetical Condensed Balance Sheets (Unaudited) (Parenthetical) Statements 3 false false R4.htm 00000004 - Statement - Condensed Statements of Operations (Unaudited) Sheet http://ainos.com/role/StatementsOfOperations Condensed Statements of Operations (Unaudited) Statements 4 false false R5.htm 00000005 - Statement - Condensed Statements of Operations (Unaudited) (Parenthetical) Sheet http://ainos.com/role/StatementsOfOperationsParenthetical Condensed Statements of Operations (Unaudited) (Parenthetical) Statements 5 false false R6.htm 00000006 - Statement - Condensed Statements of Comprehensive Loss (Unaudited) Sheet http://ainos.com/role/StatementsOfComprehensiveLoss Condensed Statements of Comprehensive Loss (Unaudited) Statements 6 false false R7.htm 00000007 - Statement - Condensed Statements of Stockholders' Equity (Unaudited) Sheet http://ainos.com/role/StatementsOfStockholdersEquity Condensed Statements of Stockholders' Equity (Unaudited) Statements 7 false false R8.htm 00000008 - Statement - Condensed Statements of Cash Flows (Unaudited) Sheet http://ainos.com/role/StatementsOfCashFlows Condensed Statements of Cash Flows (Unaudited) Statements 8 false false R9.htm 00000009 - Disclosure - Description of Business Sheet http://ainos.com/role/DescriptionOfBusiness Description of Business Notes 9 false false R10.htm 00000010 - Disclosure - Summary of Significant Accounting Policies Sheet http://ainos.com/role/SummaryOfSignificantAccountingPolicies Summary of Significant Accounting Policies Notes 10 false false R11.htm 00000011 - Disclosure - Cash and Cash Equivalents Sheet http://ainos.com/role/CashAndCashEquivalents Cash and Cash Equivalents Notes 11 false false R12.htm 00000012 - Disclosure - Inventory Sheet http://ainos.com/role/Inventory Inventory Notes 12 false false R13.htm 00000013 - Disclosure - Convertible Notes Payable and Other Notes Payable Notes http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayable Convertible Notes Payable and Other Notes Payable Notes 13 false false R14.htm 00000014 - Disclosure - Stockholders??? Equity Sheet http://ainos.com/role/StockholdersEquity Stockholders??? Equity Notes 14 false false R15.htm 00000015 - Disclosure - Revenue Sheet http://ainos.com/role/Revenue Revenue Notes 15 false false R16.htm 00000016 - Disclosure - Share-Based Compensation Sheet http://ainos.com/role/Share-basedCompensation Share-Based Compensation Notes 16 false false R17.htm 00000017 - Disclosure - Income Taxes Sheet http://ainos.com/role/IncomeTaxes Income Taxes Notes 17 false false R18.htm 00000018 - Disclosure - Net Loss per Common Share Sheet http://ainos.com/role/NetLossPerCommonShare Net Loss per Common Share Notes 18 false false R19.htm 00000019 - Disclosure - Related Party Transactions Sheet http://ainos.com/role/RelatedPartyTransactions Related Party Transactions Notes 19 false false R20.htm 00000020 - Disclosure - Commitments and Contingencies Sheet http://ainos.com/role/CommitmentsAndContingencies Commitments and Contingencies Notes 20 false false R21.htm 00000021 - Disclosure - Subsequent Events Sheet http://ainos.com/role/SubsequentEvents Subsequent Events Notes 21 false false R22.htm 00000022 - Disclosure - Summary of Significant Accounting Policies (Policies) Sheet http://ainos.com/role/SummaryOfSignificantAccountingPoliciesPolicies Summary of Significant Accounting Policies (Policies) Policies http://ainos.com/role/SummaryOfSignificantAccountingPolicies 22 false false R23.htm 00000023 - Disclosure - Inventory (Tables) Sheet http://ainos.com/role/InventoryTables Inventory (Tables) Tables http://ainos.com/role/Inventory 23 false false R24.htm 00000024 - Disclosure - Convertible Notes Payable and Other Notes Payable (Tables) Notes http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableTables Convertible Notes Payable and Other Notes Payable (Tables) Tables http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayable 24 false false R25.htm 00000025 - Disclosure - Stockholders??? Equity (Tables) Sheet http://ainos.com/role/StockholdersEquityTables Stockholders??? 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Generally, only investments maturing within three months from the date of acquisition qualify." } } }, "auth_ref": [ "r120", "r409" ] }, "AIMD_CashCDICInsuredAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "CashCDICInsuredAmount", "crdr": "debit", "presentation": [ "http://ainos.com/role/CashAndCashEquivalentsDetailsNarrative" ], "lang": { "en-us": { "role": { "label": "Cash CDIC insured amount", "documentation": "Cash CDIC insured amount." } } }, "auth_ref": [] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": [ "http://ainos.com/role/StatementsOfCashFlows" ], "lang": { "en-us": { "role": { "periodStartLabel": "Cash and cash equivalents at beginning of year", "periodEndLabel": "Cash and cash equivalents at end of year", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. 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Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": [ "r115", "r124", "r125", "r126", "r149", "r171", "r172", "r174", "r176", "r183", "r184", "r205", "r233", "r235", "r236", "r237", "r240", "r241", "r271", "r272", "r274", "r277", "r283", "r369", "r441", "r442", "r443", "r444", "r450", "r451", "r452", "r453", "r454", "r455", "r456", "r457", "r458", "r459", "r460", "r461", "r472", "r494", "r516", "r530", "r531", "r532", "r533", "r534", "r605", "r616", "r625" ] }, "us-gaap_ClassOfWarrantOrRightAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightAxis", "presentation": [ "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetails", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative" ], "lang": { "en-us": { "role": { "label": "Class of Warrant or Right [Axis]", "documentation": "Information by type of warrant or right issued." } } }, "auth_ref": [ "r36" ] }, "us-gaap_ClassOfWarrantOrRightDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightDomain", "presentation": [ "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetails", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative" ], "lang": { "en-us": { "role": { "documentation": "Name of the class or type of warrant or right outstanding. Warrants and rights represent derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months." } } }, "auth_ref": [] }, "us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1", "presentation": [ "http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative" ], "lang": { "en-us": { "role": { "label": "Warrants exercise price", "verboseLabel": "Exercise price", "documentation": "Exercise price per share or per unit of warrants or rights outstanding." } } }, "auth_ref": [ "r284" ] }, "us-gaap_ClassOfWarrantOrRightLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightLineItems", "presentation": [ "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetails", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical" ], "lang": { "en-us": { "role": { "label": "Class of Warrant or Right [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": [ "r50", "r98", "r408", "r471" ] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": [ "http://ainos.com/role/CommitmentsAndContingencies" ], "lang": { "en-us": { "role": { "label": 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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": [ "r53" ] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": [ "http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative" ], "lang": { "en-us": { "role": { "label": "Common stock, shares outstanding", "verboseLabel": "Common stock shares outstanding", "documentation": "Number of shares of common stock outstanding. 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This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": [ "r53", "r411", "r568" ] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfComprehensiveLoss": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://ainos.com/role/StatementsOfComprehensiveLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Comprehensive loss", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "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": [ "r18", "r132", "r134", "r139", "r402", "r420", "r421" ] }, "us-gaap_ContractWithCustomerLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiability", "crdr": "credit", "presentation": [ "http://ainos.com/role/RevenueDetailsNarrative" ], "lang": { "en-us": { "role": { "verboseLabel": "Contract liabilities", "label": "Contract with Customer, Liability", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable." } } }, "auth_ref": [ "r286", "r287", "r288" ] }, "us-gaap_ContractWithCustomerLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityCurrent", "crdr": "credit", "calculation": { "http://ainos.com/role/BalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://ainos.com/role/BalanceSheets",
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Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder." } } }, "auth_ref": ["r14"] }, "AIMD_ConvertibleNoteAndWarrantPurchaseAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "ConvertibleNoteAndWarrantPurchaseAgreementMember", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/StockholdersEquityDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Convertible Note and Warrant Purchase Agreement [Member]", "documentation": "Convertible Note and Warrant Purchase Agreement [Member]" } } }, "auth_ref": [] }, "us-gaap_ConvertibleNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConvertibleNotesPayable", "crdr": "credit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Convertible notes payable", "documentation": "Including the current and noncurrent portions, carrying value as of the balance sheet date of a written promise to pay a note, initially due after one year or beyond the operating cycle if longer, which can be exchanged for a specified amount of one or more securities (typically common stock), at the option of the issuer or the holder." } } }, "auth_ref": ["r14", "r97", "r710"] }, "AIMD_ConvertibleNotesPayableAdditionalFundingThreshold": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "ConvertibleNotesPayableAdditionalFundingThreshold", "crdr": "credit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Convertible notes payable additional funding", "documentation": "Convertible notes payable additional funding threshold." } } }, "auth_ref": [] }, "us-gaap_ConvertibleNotesPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConvertibleNotesPayableCurrent", "crdr": "credit", "calculation": { "http://ainos.com/role/BalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://ainos.com/role/BalanceSheets", "http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/ScheduleOfNotesPayableDetails"], "lang": { "en-us": { "role": { "label": "Convertible notes payable (including amounts of related party of $2,000,000 and nil as of September 30, 2024 and December 31, 2023, respectively)", "verboseLabel": "Convertible notes payable current", "terseLabel": "March 2025 Convertible Notes \u2013current (Lee Note)", "documentation": "Carrying value as of the balance sheet date of the portion of long-term debt due within one year or the operating cycle if longer identified as Convertible Notes Payable. Convertible Notes Payable is a written promise to pay a note which can be exchanged for a specified amount of another, related security, at the option of the issuer and the holder." } } }, "auth_ref": ["r44"] }, "AIMD_ConvertibleNotesPayableFirstPayment": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "ConvertibleNotesPayableFirstPayment", "crdr": "credit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Tranche one", "documentation": "Convertible notes payable first payment." } } }, "auth_ref": [] }, "AIMD_ConvertibleNotesPayableSecondPayment": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "ConvertibleNotesPayableSecondPayment", "crdr": "credit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Tranche two", 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Deferred revenue is a liability as of the balance sheet date related to a revenue producing activity for which revenue has not yet been recognized. Generally, an entity records deferred revenue when it receives consideration from a customer before achieving certain criteria that must be met for revenue to be recognized in conformity with GAAP." } } }, "auth_ref": ["r108"] }, "us-gaap_DefinedBenefitPlanDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/StatementsOfOperationsParenthetical"], "lang": { "en-us": { "role": { "label": "Defined Benefit Plan Disclosure [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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An entity also may disclose its accounting policy for long-lived assets to be sold. This policy excludes goodwill and intangible assets." } } }, "auth_ref": [ "r0", "r81" ] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfOperations": { "parentTag": "us-gaap_NetIncomeLoss", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://ainos.com/role/StatementsOfOperations" ], "lang": { "en-us": { "role": { "totalLabel": "Net loss before income taxes", "label": "Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest", "documentation": "Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to 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Preferred shares typically represent an ownership interest in the company." } } }, "auth_ref": ["r574", "r575", "r578", "r579", "r580", "r581", "r743", "r746"] }, "us-gaap_PreferredStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockParOrStatedValuePerShare", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "label": "Preferred stock, par value", "documentation": "Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer." } } }, "auth_ref": ["r52", "r271"] }, "us-gaap_PreferredStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesAuthorized", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Preferred stock, shares authorized", "verboseLabel": "Preferred stock shares authorized", "documentation": "The maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r52", "r472"] }, "us-gaap_PreferredStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesIssued", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/StockholdersEquityDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Preferred stock, shares issued", "verboseLabel": "Preferred stock shares issued", "documentation": "Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. 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Does not include preferred shares that have been repurchased." } } }, "auth_ref": ["r52", "r472", "r491", "r746", "r747"] }, "us-gaap_PreferredStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValue", "crdr": "credit", "calculation": { "http://ainos.com/role/BalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://ainos.com/role/BalanceSheets"], "lang": { "en-us": { "role": { "label": "Preferred stock, $0.01 par value; 50,000,000 shares authorized; none issued and outstanding as of September 30, 2024 and December 31,2023, respectively;", "documentation": "Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r52", "r410", "r568"] }, "AIMD_PrivateWarrantMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "PrivateWarrantMember", "presentation": ["http://ainos.com/role/StockholdersEquityDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Private Warrant [Member]", "documentation": "Private Warrant [Member]" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromConvertibleDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromConvertibleDebt", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Proceeds from convertible notes payable- noncurrent", "verboseLabel": "Proceeds from convertible notes payable", "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": ["r19"] }, "us-gaap_ProceedsFromIssuanceOfWarrants": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfWarrants", "crdr": "debit", "presentation": ["http://ainos.com/role/StockholdersEquityDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Fair value of warrants", "documentation": "The cash inflow from issuance of rights to purchase common shares at predetermined price (usually issued together with corporate debt)." } } }, "auth_ref": ["r4"] }, "us-gaap_ProceedsFromNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromNotesPayable", "crdr": "debit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Proceeds from notes payable", "documentation": "The cash inflow from a borrowing supported by a written promise to pay an obligation." } } }, "auth_ref": ["r19"] }, "us-gaap_ProceedsFromRelatedPartyDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromRelatedPartyDebt", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Proceeds from convertible notes payable- noncurrent, related party", "documentation": "The cash inflow from a long-term borrowing made from related parties where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Proceeds from Advances from Affiliates." } } }, "auth_ref": ["r19"] }, "us-gaap_ProceedsFromSecuredNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSecuredNotesPayable", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Proceeds from senior secured convertible notes payable", "documentation": "The cash inflow from borrowings supported by a written promise to pay an obligation that is collateralized (backed by pledge, mortgage or other lien in the entity's assets)." } } }, "auth_ref": ["r19"] }, "AIMD_ProductCoDevelopmentAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "ProductCoDevelopmentAgreementMember", "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Product Co Development Agreement [Member]", "documentation": "Product Co Development Agreement [Member]" } } }, "auth_ref": [] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Product and Service [Axis]" } } }, "auth_ref": ["r201", "r399", "r424", "r425", "r426", "r427", "r428", "r429", "r430", "r541", "r559", "r569", "r570", "r571", "r572", "r573", "r652", "r653", "r657", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r724", "r725", "r726", "r727", "r728", "r729", "r730", "r731", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742"] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative"], "auth_ref": ["r201", "r399", "r424", "r425", "r426", "r427", "r428", "r429", "r430", "r541", "r559", "r569", "r570", "r571", "r572", "r573", "r652", "r653", "r657", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r724", "r725", "r726", "r727", "r728", "r729", "r730", "r731", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742"] }, "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": { "http://ainos.com/role/BalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://ainos.com/role/BalanceSheets"], "lang": { "en-us": { "role": { "label": "Property and equipment, net", "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": ["r9", "r383", "r405", "r416", "r568"] }, "AIMD_PublicWarrantMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "PublicWarrantMember", "presentation": ["http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetails", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical"], "lang": { "en-us": { "role": { "label": "Public Warrant [Member]", "documentation": "Public Warrant [Member]" } } }, "auth_ref": [] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical"], "lang": { "en-us": { "role": { "label": "Statistical Measurement [Axis]" } } }, "auth_ref": ["r227", "r228", "r229", "r230", "r289", "r291", "r319", "r320", "r321", "r329", "r368", "r396", "r397", "r398", "r431", "r432", "r439", "r462", "r463", "r524", "r525", "r526", "r527", "r529", "r538", "r539", "r552", "r558", "r560", "r563", "r564", "r565", "r566", "r570", "r576", "r650", "r656", "r691", "r703", "r704", "r705", "r706", "r707"] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical"], "auth_ref": ["r227", "r228", "r229", "r230", "r289", "r291", "r319", "r320", "r321", "r329", "r368", "r396", "r397", "r398", "r431", "r432", "r439", "r462", "r463", "r524", "r525", "r526", "r527", "r529", "r538", "r539", "r552", "r558", "r560", "r563", "r564", "r565", "r566", "r570", "r576", "r650", "r656", "r691", "r703", "r704", "r705", "r706", "r707"] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative", "http://ainos.com/role/ScheduleOfNotesPayableDetails", "http://ainos.com/role/StatementsOfOperationsParenthetical"], "lang": { "en-us": { "role": { "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": ["r204", "r290", "r388", "r389", "r407", "r415", "r465", "r466", "r467", "r468", "r469", "r490", "r492", "r523"] }, "us-gaap_RelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyMember", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative", "http://ainos.com/role/ScheduleOfNotesPayableDetails", "http://ainos.com/role/StatementsOfOperationsParenthetical"], "lang": { "en-us": { "role": { "label": "Related Party [Member]", "documentation": "Party related to reporting entity. 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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": ["r204", "r290", "r388", "r389", "r407", "r415", "r465", "r466", "r467", "r468", "r469", "r490", "r492", "r523", "r699"] }, "us-gaap_RelatedPartyTransactionsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsDisclosureTextBlock", "presentation": ["http://ainos.com/role/RelatedPartyTransactions"], "lang": { "en-us": { "role": { "label": "Related Party Transactions", "documentation": "The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, "auth_ref": ["r385", "r386", "r387", "r389", "r392", "r447", "r448", "r449", "r499", "r500", "r501", "r520", "r522"] }, "AIMD_RepaymentOfConvertibleNotesPayableRelatedParty": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "RepaymentOfConvertibleNotesPayableRelatedParty", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Repayment of convertible notes payable, related party", "documentation": "Repayment of convertible notes payable related party", "label": "RepaymentOfConvertibleNotesPayableRelatedParty" } } }, "auth_ref": [] }, "AIMD_RepaymentOfSeniorSecuredConvertibleNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://ainos.com/20240930", "localname": "RepaymentOfSeniorSecuredConvertibleNotesPayable", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 5.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Repayment of senior secured convertible notes payable", "documentation": "Repayment of senior secured convertible notes payable.", "label": "RepaymentOfSeniorSecuredConvertibleNotesPayable" } } }, "auth_ref": [] }, "us-gaap_RepaymentsOfLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfLongTermDebt", "crdr": "credit", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Repayments of notes payable", "documentation": "The cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer." } } }, "auth_ref": ["r74", "r444"] }, "us-gaap_RepaymentsOfRelatedPartyDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfRelatedPartyDebt", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Repayment of other notes payable, related party", "label": "Repayments of Related Party Debt", "documentation": "The cash outflow for the payment of a long-term borrowing made from a related party where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Payments for Advances from Affiliates." } } }, "auth_ref": ["r74"] }, "AIMD_RepresentativeWarrantMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "RepresentativeWarrantMember", "presentation": ["http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetails", "http://ainos.com/role/ScheduleOfWarrantsIssuedAndOutstandingDetailsParenthetical"], "lang": { "en-us": { "role": { "label": "Representative Warrant [Member]", "documentation": "Representative Warrant [Member]" } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfOperations": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative", "http://ainos.com/role/StatementsOfOperations",

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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": ["r330", "r540", "r549", "r708"] }, "us-gaap_RestrictedStockUnitsRSUMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": ["http://ainos.com/role/ScheduleOfRestrictedStockUnitsDetails", "http://ainos.com/role/Share-basedCompensationDetailsNarrative"], "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": [] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://ainos.com/role/BalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://ainos.com/role/BalanceSheets", "http://ainos.com/role/SummaryOfSignificantAccountingPoliciesDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Accumulated deficit", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r55", "r86", "r413", "r436", "r438", "r445", "r473", "r568"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://ainos.com/role/StatementsOfStockholdersEquity"], "lang": { "en-us": { "role": { "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r116", "r154", "r155", "r156", "r158", "r163", "r165", "r167", "r206", "r207", "r219", "r339", "r340", "r346", "r347", "r348", "r350", "r351", "r352", "r358", "r360", "r361", "r363", "r365", "r381", "r382", "r433", "r435", "r450", "r746"] }, "us-gaap_RevenueRecognitionAndDeferredRevenueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionAndDeferredRevenueAbstract", "lang": { "en-us": { "role": { "label": "Revenue Recognition and Deferred Revenue [Abstract]" } } } }, "auth_ref": [] }, "us-gaap_Revenues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "calculation": { "http://ainos.com/role/StatementsOfOperations": { "parentTag": "us-gaap_GrossProfit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative", "http://ainos.com/role/StatementsOfOperations", "http://ainos.com/role/StatementsOfOperationsParenthetical"], "lang": { "en-us": { "role": { "label": "Revenues (including amounts of related party of nil and $21,224 for the three months September 30, 2024 and 2023, and nil and $33,765 for the nine months ended September 30, 2024 and 2023, respectively)", "verboseLabel": "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": ["r104", "r105", "r138", "r149", "r181", "r186", "r187", "r197", "r199", "r201", "r202", "r203", "r205", "r233", "r234", "r235", "r236", "r237", "r238", "r239", "r240", "r241", "r369", "r404", "r549", "r654"] }, "AIMD_SalesAndMarketingAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "SalesAndMarketingAgreementMember", "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Sales and Marketing Agreement [Member]", "documentation": "Sales and Marketing Agreement [Member]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": ["http://ainos.com/role/ScheduleOfComputationsOfDilutedWeightedAverageSharesOutstandingDetails"], "lang": { "en-us": { "role": { "label": "Antidilutive Security, Excluded EPS Calculation [Table]", "documentation": "Disclosure of information about security that could potentially dilute basic earnings per share (EPS) in future that was not included in calculation of diluted EPS." } } }, "auth_ref": ["r25"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": ["http://ainos.com/role/NetLossPerCommonShareTables"], "lang": { "en-us": { "role": { "label": "Schedule of Computations of Diluted Weighted Average Shares Outstanding", "documentation": "Tabular 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." } } }, "auth_ref": ["r25"] }, "us-gaap_ScheduleOfDebtTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDebtTableTextBlock", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableTables"], "lang": { "en-us": { "role": { "label": "Schedule of Notes Payable", "documentation": "Tabular disclosure of information pertaining to short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary to a fair presentation." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDefinedBenefitPlansDisclosuresTable", "presentation": ["http://ainos.com/role/BalanceSheetsParenthetical", "http://ainos.com/role/StatementsOfOperationsParenthetical"], "lang": { "en-us": { "role": { "label": "Defined Benefit Plan [Table]", "documentation": "Disclosure of information about individual defined benefit pension plan or other postretirement defined benefit plan. It may be appropriate to group certain similar plans. Also includes schedule for fair value of plan assets by major categories of plan assets by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets or liabilities (Level 1), Significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r11", "r32", "r33", "r34", "r35"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://ainos.com/role/NetLossPerCommonShareTables"], "lang": { "en-us": { "role": { "label": "Schedule of Basic and Diluted Net Loss Per Share", "documentation": "Tabular 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." } } }, "auth_ref": ["r626"] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://ainos.com/role/InventoryTables"], "lang": { "en-us": { "role": { "label": "Schedule of Inventory", "documentation": "Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process." } } }, "auth_ref": ["r15", "r59", "r60", "r61"] }, "us-gaap_ScheduleOfRelatedPartyTransactionsByRelatedPartyTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRelatedPartyTransactionsByRelatedPartyTable", "presentation": ["http://ainos.com/role/RelatedPartyTransactionsDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Table]", "documentation": "Disclosure of information about related party transaction." } } }, "auth_ref": ["r40", "r41", "r497", "r498", "r501"] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable", "presentation": ["http://ainos.com/role/ScheduleOfRestrictedStockUnitsDetails", "http://ainos.com/role/Share-basedCompensationDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table]", "documentation": "Disclosure of information about share-based payment arrangement." } } }, "auth_ref": ["r293", "r295", "r297", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r314", "r315", "r316", "r317", "r318", "r319", "r320", "r321", "r322"] }, "us-gaap_ScheduleOfShortTermDebtTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShortTermDebtTable", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative", "http://ainos.com/role/ScheduleOfNotesPayableDetails"], "lang": { "en-us": { "role": { "label": "Short-Term Debt [Table]", "documentation": "Disclosure of information about short-term debt arrangement. Includes, but is not limited to, description of arrangement, lender, repayment term, weighted-average interest rate, borrowed amount, and description and amount of refinancing of short-term obligation when obligation is excluded from current liability." } } }, "auth_ref": ["r43"] }, "us-gaap_ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock", "presentation": ["http://ainos.com/role/StockholdersEquityTables"], "lang": { "en-us": { "role": { "label": "Schedule of Warrants Issued and Outstanding", "documentation": "Tabular disclosure of warrants or rights issued. Warrants and rights outstanding are derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months. Disclose the title of issue of securities called for by warrants and rights outstanding, the aggregate amount of securities called for by warrants and rights outstanding, the date from which the warrants or rights are exercisable, and the price at which the warrant or right is exercisable." } } }, "auth_ref": ["r36"] }, "us-gaap_ScheduleOfUnvestedRestrictedStockUnitsRollForwardTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfUnvestedRestrictedStockUnitsRollForwardTableTextBlock", "presentation": ["http://ainos.com/role/Share-basedCompensationTables"], "lang": { "en-us": { "role": { "label": "Schedule of Restricted Stock Units", "documentation": "Tabular disclosure of the change in restricted stock units (RSUs)." } } }, "auth_ref": [] }, "AIMD_SecuritiesPurchaseAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "SecuritiesPurchaseAgreementMember", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Securities Purchase Agreement [Member]", "documentation": "Securities Purchase Agreement [Member]" } } }, "auth_ref": [] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://ainos.com/role/Cover"], "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r586"] }, "dei_Security12gTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12gTitle", "presentation": ["http://ainos.com/role/Cover"], "lang": { "en-us": { "role": { "label": "Title of 12(g) Security", "documentation": "Title of a 12(g) registered security." } } }, "auth_ref": ["r590"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://ainos.com/role/Cover"], "lang": { "en-us": { "role": { "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r589"] }, "dei_SecurityReportingObligation": { "xbrltype": "securityReportingObligationItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityReportingObligation", "presentation": ["http://ainos.com/role/Cover"], "lang": { "en-us": { "role": { "label": "Security Reporting Obligation", "documentation": "15(d), indicating whether the security has a reporting obligation under that section of the Exchange Act." } } }, "auth_ref": ["r595"] }, "us-gaap_SegmentReportingPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingPolicyPolicyTextBlock", "presentation": ["http://ainos.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "label": "Segments", "documentation": "Disclosure of accounting policy for segment reporting." } } }, "auth_ref": ["r190", "r191", "r192", "r193", "r194", "r195", "r196", "r200", "r202", "r547", "r548", "r551"] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfOperations": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://ainos.com/role/StatementsOfOperations"], "lang": { "en-us": { "role": { "label": "Selling, general and administrative expenses", "documentation": "The aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc." } } }, "auth_ref": ["r67"] }, "AIMD_SeniorSecuredConvertibleNotesMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "SeniorSecuredConvertibleNotesMember", "presentation": ["http://ainos.com/role/ScheduleOfNotesPayableDetails"], "lang": { "en-us": { "role": { "label": "Senior Secured Convertible Notes [Member]", "documentation": "Senior Secured Convertible Notes [Member]" } } }, "auth_ref": [] }, "AIMD_SeniorSecuredConvertibleNotesPayableMember": { "xbrltype": "domainItemType", "nsuri": "http://ainos.com/20240930", "localname": "SeniorSecuredConvertibleNotesPayableMember", "presentation": ["http://ainos.com/role/ConvertibleNotesPayableAndOtherNotesPayableDetailsNarrative"], "lang": { "en-us": { "role": { "label": "Senior Secured Convertible Notes Payable [Member]", "documentation": "Senior Secured Convertible Notes Payable [Member]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": { "http://ainos.com/role/StatementsOfCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://ainos.com/role/StatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Share-based compensation expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r7"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://ainos.com/role/ScheduleOfRestrictedStockUnitsDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Number of Shares, RSUs forfeited", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period." } } }, "auth_ref": ["r313"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue", "presentation": ["http://ainos.com/role/ScheduleOfRestrictedStockUnitsDetails"], "lang": { "en-us": { "role": { "label": "Weighted-Average Grant Date Fair Value Per Share, RSUs forfeited", "documentation": "Weighted 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." } } }, "auth_ref": ["r313"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod", "presentation": ["http://ainos.com/role/ScheduleOfRestrictedStockUnitsDetails"], "lang": { "en-us": { "role": { "label": "Number of Shares, RSUs granted", "documentation": "The 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)." } } }, "auth_ref": ["r311"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue", "presentation": [

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O@&"(:!L^P)*"__M 9O-!V/A?15!57,#Q#%J8+/UP8WS)-8 ?G>$L@-\8Z2 MWWAE!0#O)7._SICO05AW^2T@$'2PC3\O_IA#4T(%,Q0B1F5SY[M-'E?4F0%V4=;KP.QCI;, +4%] LL7$X6JKK!Y#P0A.)XF#0760%UK*(N(ER? MB8!C]6,M2P$42VL@,?E.,)\COH*1C4PIQ. NHK+KNBR@DM#ID/G$)3AV)CM: M&] .]K.@1<+U(+@6[ZSE.W$%#8ZFA 6,0EWJJ7_4K+%$OAJ?H@R&NL:W"T.">2IUU(U[+YO@'6N, K6IGO MM!H_>)N;?%*_O'WCX<''WZ(%M\-'@8\[C ,0T'D1/$/JY9_EVWYB+MI9E.W MGR& VVHGRU.A/00?6NFH[Q<46L'P/N< 6MJYDN:DQ36X&"=U>,0C]!0OC-,O MK-K_0WYB5Q(<+:)I.U-JJ?!ZC8 O<>1/)=Y(*&AAWCPK,N. [(:P5T+BM2)4IHL'_&5KH9 M:TM:&VR/\OF4HJWV!DI;.W9GV M\/)@D@5K4!(YE(K(#*Y5;2OI2)OAM_>IED2\&D M]@P!5E"_1 *F\=V*OON@&@H6#WTA NPI, .IOGM57T<7^+(-BQ7@^:Q-RK?C M6IRPFA#R=46-M[%IV.BMH_QET$ 53:!FI%6SYC$]J M_%Q+#WW/T2*;&7.7G8^"L=*2V ;+M_F/7@ÎW0QJ?K.B3T(C$A47+!?$#\(?U MAHANXP+OM&.RPK8T%.3KT:N;J*,U]@I4%N^C-K-%YKA;1RE""T5@PF48,^8#*= MP;]=B"/1%.L6%=LCG&?)LNH7^7,]J7Z1KE[}CGM'K($3J1#V$-&$1<\^FEJT ML+*DMH(\E)DJ/KK:#/3//Y-E.2R9[!"U9"T*CGNV@"[XQ'8HCW5+516$.;3 M4-DCLO_WL*F_U&KW#D\?>B;KH[.PEB+KUL!6]FW$\.6LA,O?:\75LOX/9 M>T]S/R91-93QS[945'$L G$W)R5W)R (80N5.\.B$RL?"Y!$*O9AJAI' MU0/+@,X+6NZC<57+@07[KVCRM9+_&K9"!ZUJ.Z9/OY+%O74MKV$W>%=5NS<= M\!7,OD@JR5MJVMF\!A%^9Z]*/ 7#&9<.S5VX6'9-9GC!YS5SM:@2%O6K'?.U MU:OVP6'[Z&#O27AK3:LHL6Z&:DK$?#LH47!9IZE^442N'G1GLJVTX-+/TDJ- M/!WL2Q&_V5F%]!6AS]!!BZFDQ/9[1XO4V<:I?XN=.H$^6\5753I"FB7^L1L. MZ\M=[8"(Z4,0U'VONU:[0R_(5U[8!:*+8?5R3]TB^WMTDE7E-2%PTE<4[^_M M'\39F1L\'ZL[6I7.X7+?AICXOMH_/FM)KCY@UU<#G\ 82Y@WTE.!%_#H*^M P.M:DBNPCWQV!S6KGV)YXH26@ 6CS *!XKZ9\Z"Q5DK%$> I,RP>-=KQ(8!=V

[,G=\;X6IUGK8/0]IH3Q>^Q"".B5PVI'6@>C;M J!\;]VM; MUF^KLM7!V$^_*ITV+GH@*D;?XB(VA'4PZ)I0[V>?C9%_%;A)@5T/,RB4$-3!@-)I.SI 6F&BSW+4 MP<0N_/2PUU>I'^0;/+JXO [JQYT!=,?=0F=YCM7OJ@.2@$]"(S5J^X4_HJF MMTWERTEJ800G2R2Q67MS61W4AAC*J++A?1W459W8J*^IH X*#X.Q3UQSKS 6 MU4'I.[S>0%J:NW0Y21V,R,5?HQDL"G22I$]=> %ZP[!"-^VJS%5+4P<47\X7 M/EM%JL?K(@M[K5CK8+36;J"_Q%8'$4SG03-KD0H,M3 0^5@=I>H/X5ZP.0!0M M?[?3U<&<<&T2#"7(E+-7I]![S)7&+%O1V!4PJC?XTK\X..["N +DSNT(X(M^M4GZ$L:EDQL:TM=!],@^O8"5_,8!5YBGRW"U9<1+SO2.A@U0N01T1[B8T9O M$64C[,XH\]ETU6-\P<+Z,R-D)98Z&#F$M2:5U^ TM#!FWD)3!S,NGT!%KRA/ M5%A:!]5SGW.FST'>,@KAL/KH*K,%GGRK<>&9 !D7C^/0(3G:4>LZWGZ5!/RAXAX?9C8%D0B/SWB?(Z^R0DDYNHK MPW ^GZNS%4EZX$5%UK;EDE$+>Q=Z,3K42NE>MZ+MHY5*/ MV6@"4]-5XJYM>^C(2K2'Q;&"HL^C2>*9(9(KV5M&6IK=7398 +,XUQLLH)* MEF,6A+6U\IJ EE#!2E^HN!KA)WGNIWIS2?DS8GT9BWD!"V[Q8^H>2LXH/(;; ME=&=+^>!!'_[%$UT1+M1$D)X>[$CKFI(KT!Z6-(QZ M=I9F:,\S4TTX%('5IX 66 ,+4HB4.K82@731.M2\KKH+Z>P^+<]KJE M-U_^SR>VTT[X]1<\ @=02P,$% @ [(%F66ZRRY2[#P %< !4 !A M:6UD+3(P,C0P.3,P7V-A;"YX;6SM75EOXS@2?E]@_X,V RQZ'MS.U5>F>P=. MG#0"I),@Q_2^#12)=K@MDVY2RC&_?DE*LB5+O&+)9(#IAT[LL$I5]9%U\+G MWY]F2? "(48?=G:>;N]%0 4X1BBZ9>MV^O!Z/KH]'0KH&F(XC#!"'S90GCK M]__\\Q\!^_?Y7X-!<)!$A\$8QP-3M$$_Q:2WX(\PR?@W M^ 0F@ 1'>#9/0 K8'_(''P3OWN[NWP6#@0'?/P"*,;F].EWPO4_3.3T8#A\? M']\B_! ^8O*#OHWPS(SA=1JF&5UPVW[:+O[EY)\3B'X<\/_N0@H"9B]$#YXH M_++%GUL\]G'O+2,3X>[V]L[PO]_.KJ-[_L'$'&[16"KI.)&$$&!UI#_97B$66]D8@J:>P(F M7[9"-(L9Z]W][4][VYSQ+[5&Z?. <]4H*>;?:"H8O>>AAF'#K7-\#D%+=PUL; M=RW$94@ 2N]!"],PL9*HE;(#\?@P 3/&FEY,+N9\:+.^HS66FJHWL:S,9\&B M8X&Y)R3@'B *\ 9IE;FE!)W+.1UBJ,?]SB)F:,^_IG!] E&2CEUU[8,Z?U) M@A_M;+A*U(%08T C N>\$UU,#C,*$= #JR3JPE+9,!:29X8'G"(X87T:I:,H MPAE*6:B_Q F,(";SHI+!V)S?$8HYC]XYWD($XZ;-CPHJ3H0ZQ0],(Z8:$=" MHV$7-L&,*4GA70+. <0J8HWH.V>],X0OFKDCU.WTY9B!GPQ"GFOIPY9B :D?27G8Y"&,*'G(>&UWX,VTE@Q MV9C+LM5B/:Z])?>V:MAQZ0*-Z![$60(N)@NG6CQ-:W$M99>!P=.06L).,5=\U MX],F4Q!O-]9=];U67>*PG?.G0V74THS$',QLE3,],3,/8(V*!,-.*V$W'[@V MYUXR$6O ,LRANR+.5D8 6.?=Y K0E,"(E6+",K<(+L*$>8\P8)?KF?=-^S8 M=&KMPY#"B(V8,4PR9JUE=B>$\K. [%;M.%>&6R])\3>!B4CS_.X#3>_9SQ+QY M. 5""+J.[^SB*3W.<=B/:SL^_]J7-FCB[3(;% MBI"0AS%'S&,&!7&04P=O;E&8Q9#UZE_+A>U2W 1'1$3OK*.5U:QRUT*8OU\ M$M([L8B>T<$T#.=#CN00)"DMOQ'8"ER++_X<4YF*%H,*2^..9L!PWM6TD\(GJE,79@5OT25*B1,BJW@4?A^(;T,"(N1 'H% M(L#$YA4+2/6]3TEE!MBN4\!,]/8)IT79SL24XU)O98;#GE,ZB8#?T MR6UMS3#8=X]!7$>?D,@%U$5$7*%S.WX,N53Q*]*9^YRD5EP_+X*4HR7HA\ MQ3A^A$FB\C\FU'[$!ZE#,C> 3\!=$CP'K Z[3/@$/XIY&C+GV:XR8*BI_@@ M$J!,%/8)H(J7/<9^Q!-](&FJZ!,69S"\@PE,6:FOC>IM;1V56QBE M)(S2[S"]\IHBF> E-(;_4PHW8=/>7(K%9<%L;PJ>M)UH9,X%/2N0ZJ_L 9 M&, GR'J++=F:5P!HP]1=2C6'2*>T=0*RB)QF(;5R[CLYUL+4#2VL GR"K2&D4 M>KV*3!(47H?E*_YW#.[2DQ-2,3LYAC1*,,V("A$C8H]"D3X&Z6S@*71G&$UO M)FU;=Y7PM9.Z%%8TD.FTKU#N)IK;Z/3,^_F-E!=!556=IS M_HTB(7I%/>_J7$)CAM0[AV-'K[%/^,B/ 35Q:6OK:OX-3"S:,YC2+/RV=K8 M=8*C.'ZU.O,F5=6G?E1L,#> H]G2=0ICC(5,R?[C8.7)?..D)'A35M;NLXX M]!:6BNY?5Q_%,>0JA\EE"-3=!3.81HJ%FJD!*[3#N..KU'9)W2N^!8M!.+C MD"" (II05ZMDL$^G2&$Q@!!6)APFMZP3$&#_S0_@$7T5*D4C5;F3(3\;R7:KG M(+V8W(1/BD%GR\@,V/?N@7VAB7Q"N9(>CU!LDX/J*5UG=J:ZR>>S?$3,X$QS M>ZHG)7*=+];T0)^/#W3K<',[ZV.BKNR="IN;GX.J69^QS_UN2VP\U?8G[[Ü@ M?W+PIL,XU[ZV5VLN=ZKIL2_58\DEP)-@R(4 ME<*Y+5NXCC@M-FWD@G5M_(HL_.6'P&I7P,3%ÐEHSU]%#;_-6O5H,/W W-YO[M!30]?N(\V52=O:6IJW%) 3,?W _9J9-L B%5DBE&JQ*,M0011FI^2TN)F2N_:'9@"\.&0D'B;%,_((*67KDJGUP+ M)9'K@:.%!,FK7V>!+GN=9,F$+R$07LWEB=@U0!"3.Q!EA!_-9"O@TE M'BTWITA65]9EZMIA&$/9A;*;6AQ;/+H/D13H)94 JPE#]>3.58XOL@^7N4> M^2X7Z]B@HW.]_F;K6,WLX!RR[SDA"F?SY9F3/#EE-0AF&_'*G>>'C^Q9)B9 M'J*0/)\R\XD=-/P A:YZ#L8;L*@L=6Q),KW,BC=OHE];I6XDGOT#[Q&0"S6*SG8($%#.JTL)7(]8\3P"L?A4V#W^7T;3XNR]L,0E)N(/:4K@ M79:*6[RQ;=+L6"S7$=+XMU%-GX^F<8ZQ"00?]_&-W\3%Q+D^ &$RBQP^WS)Y3]&BZ!NQKON@.3IJ MP^/OZ&>5%EMB\]J"X1@P]QG!L'"/HQEW@7^)CW*4E$2N \G:F!F8Q"<$%W?* M?2?,+FAJ "NK:WSF?1U9(;P">8Q$7'A[(77+5LO)"T=$YEOBY<:D/TOUCU MBIUVG=+<1XA81$";P+Q!_9>DHC]X7: P(?!#;A!09C),0]3&7 MM0>PH6F\@I,E84QH"L8@_WF*FE?B*J=M#:C-@/W@+[V1O(B63F;YWJCFW5[6H)LQ M-9Q?V'YUG<'&ICY521)

[<+]%UYP,:^7AZ/:4\%E,1=[@4?0S@P1(,_>5:VG# MP]-I_6JJW>P6!ML$_M;43GDKL D0W'^@KLYIE"<3*U<#RPK&BT8>#JK9@"A MK:8>!BZ)\B<0L:)W/:_4RL/9G>H1
'&Y=:=Z9:#"#.F((/4["MR:MZ[K3.)3 M]*R*6[VASAS"}I6GCN=E&,J,XBN(Q1R:V;676D)/9_I?!J7"-#ZA>07F1>[" MCR*;#DDUE:=+ _8XFAAE PG<0@SUE+5BY'$VUEP\G>LW@.]%ZKJ 4R),M:_I
MT31BXNELOCV8%B;S*C>_7'@2[CW$M87%0I0B&5<2>3J/;Q$F]2,Q"D*N[OI"[> 5G_HM+R$A"(X^8T6/$2J^.G2)RYNV*]^\'@R 9'JI2,;EL-U>>3& M[LT=4K8SH%Z>>?
+9F*I9&B^O2O/9F"H_[%'AD:MV;,FJ>X'6,NS"A&-(YYB& MR>5"L[EX@3V-\K->(&[>F=9TM#[(YKJ(\]*+^"P"$R=#9X#;Z,. 1@7./.YV)R MF%&@.Q4U2?^UO?
%.U3XAR4MWV6^1.YI8SSO:>29%6)PBN $1GPM)%_X8 :_ MQ FL78I9E7UG>U7V@IG8[;]D%RSY!4N&_:C3_E;Q=0%W5L47._I#%.>_U.C[MD7:QZ[1=P-U5 2QM>S)?>P%7+J^T%N4UD?<:-
EUR# 1Y4_ +0PNN]>_[.P%B M=)QE9[_1J:OG5G[YN+OSH3RXTI>HJ]<-UN1[MRI?XS;%CNW&M]H.[J1[;6O" MO6\83U"+G;I^Q[DKD?4XE!XNX0?FF.*4P0%23]2L2R0;W&\%$?^-L1N%7: MY?
NX*A^CS0_1LG 7Y.1!0=]7[UO.UE3.O4GLV8A?!7D@<G(,Z@[Z&0^__V2ZZ[CKQW%/S,^ 6/#](@M=L(4DNRH*1SF1DH,X3=1@0SSQ"" M
^5OO1T*7(33&QYX)"HT(M]'*GB3T_4FGT4T5FG0B&C6,;EW39O!6:50(P3* M0W3_DK>'1Y7XQD&R=^%;XY)*]$;TE$:GWF5OK;'&_'4I'3T/27X5:[L6C1@K MJ;F"-P6_8,&POWYDY&W-
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>?/XJLNE&8@YOIG*4V9B'P!1H5FLPZKH%ER#7*VNJK;>7&\M)4N)KG-=&C4=P6UF^&U M7.44IKQ%<%'DM(O?+ \)'6W)+4&UL{7U;<^,XDO7[1NQ_T%
<3L=`[X'+9=>^9W@V5+QV.=ME:6]V]LR*R(0E M;E.$&R1]V5__ 20ED2(2 "F2 R:AVF7C01/YL$U 63^XS^2E^'H$=,X(-%/
M;X[>OGLSPI<'_"':__3FU]N#\>W)Q<6;49R@R$P45T3_X^N)D+ -/H9QQABA)"_S[Z#84I_PF*Y1, M1R=D^1#B!+,_Y!_^8A_/#@\)>GIZ M&Y%'\]3H'_%;CRSU*KQ-
4)++&Z]K>/;\K_I>+ _R,,HC]^Y/]WAV(\8O:*XA^? MX^'G_R{Q6>?WK\E=`YX_[<T>% ?[^\]19XB0Z"B-O PVJ64KP6D=S1UZ]? M#[._KHK62C[?T7#UC?>'*SCKFME?_60M4"[\\3#_8[EH(*FZ!#H.?
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MF4=I#+E8)\V;_8BGZ%D}(@B*=@#@"B=\0IM@RC1BLT4^%Q8>=CO2@MJZPEZE)#[_*KK_90A.? MCG!? [<>1 W1OA;GISA!01Â?(YB.,4^QQ&FF3'
FP$;,Q*@\J&5J*9/W#GFGM9B30>W[5KZ&X3W12C M0JS39G*#XX0&'MN*99,Y-0K6TX1^B]"HI+^U7N,6T*R:3JW]#<6!QWK,:1"F MS%J;U5T&JK'=&U77J2+<X0_ 6/+3*NZK+#Y4-
L>ZEB!*#EG1PZ+,H;"_G&O/W;@DR7CJAGH MNO0 B+,O'2SQ\HX?CS>'6Q7'M'RL*PV8(,X'^<44D&3>%M!(9M$WB>Y2&2>&M&MN1*O8F: #MB2AI6X9/^LX,,/"8Y\
[*^0\PJU+G$D0<)+%O=OCD8'_+). RD=7 M]F->LL"P0A$2K_+ID-]4(;1NLWBE[#V*[S*-T_A@CM##(1\9#W&8Q*O?9&-E M9L/B%[/U.3!3%5^P']<3:8CN<)A]=E84%I4]-(MZ6CZ5DR NRFVCW3
]IBO< M13/1{(MYV_S18],C:QMG8?8UUK[QG/^P0C9/R5)IRL)L1*!!V;8,R)L1H6QK M\),,HW<;+"%A:]V?WB0T%:@\,$$G(8I7%R#&SX%.ZZJ+=$J;<")5T52U/D 1 MI*N +5.\E"&>%E,R1(BH;*=,U%
<'*AI "Q=$&+@[2?D#'J .9VW',X"0E<=Q2B8I]18HQB6,4CHT)&>B'F\-&;H* M@,-9)U-+C+VW<-)XZ.,@'\G8#YL!C/UCMEJ]3EF-BY8D7*)V4BK1:?[V\$Q0 S'L2/ILC(3L>.V6JZ?.P%G&.BBIRB(TOP[+!
M-M@\!9E.5(.'K<)..,"#"#-G^JPG;GT6^KN6+H@[9O8Q8=FHPI-G/@]A#88[O MG/U.=!Q04J16W CSBU%W[CO;B8)-8D2U"5@7=LC\5 MJ+35YI>"!NT_T)W+$]"Y(7'Z+A*_>\Q*
[9=RF|["\&"=AYHHYN#6KD^HH2' M(9'9NEK2 7L+ (,V'VB#FP,[8? I"B\B'S__@E]D1M\JZH#518A!LP^TL^3W$<%__A M>AW):!$4=X ,"#5X #;0_A="=]R,@F,G*3B64S#0_A="][X9!>^=I."]G(*!
M=L$5=":?LQVLZ)4_ Z3M0V!WS;V&S+G3_H%KC EFES32>4/ 9V0$05 QD67(C\U4.2[M @ M @YR,>@V>=5.\N6"3B_(2[IC^S)@T..#;!,+8!,2)RC\G^!!M3H5E7?'_G78 M(L#[9J+%L'=*-
"UJTH1JVU=1PJ:=Z"M,9]SQA0CN%F72]AMW&V@H&T'VN=> M$GZJLR"1U(>\7:KO*G]C%X/"P_K/5EJVBA$S:^B%#0Y/^3H.$ MX>$WR=.H\"
!)W _"HE:,&D8,FGV@+!>=M%CV*/YO_SO2@P28T2M7F]7)6&QR M"UI[H-WEA&9//)3!,Y&> 7X?@[77I]?P^_U'!YJZVO@ VR,_V%C.(N6B M)N42(V+P("\#;3EOL9>R@?+!EZ/ANRI^B
R/15BFK[2x$"]IYH&WF%9<2/9_+MW+XL[T@(/^$1%+3.VA!>T. #[2@KJ,ZFKA2QVLAUI*!Y!]I1KCK0V,.W0-$< MPS8*5'Y1G_6[ZLPF%?B MR(M-
+A!PPOH0;HB(#T.]>,W>;_',5729H3IG/X@I$!:UVO@P8M#L0SV%3?V M!];+)X'$8H\MIG;9(8!&%!(V4V&#GB0ET/27_'82^A+1)ZB6XQBF_WUC(M3BL $:L942,'Z1CTY/0W$J91@FAVY98"?4 8U
'SBQ"#9A_TD+2X5KZ>N?*4 MAC+KBR4<($$"'.1BT,/3BRC!E,$&##WK?^':)PG ()YW(X)6"#AB\CA]X$%LA?-4I9J)5V@0(Q.,C^(H7Z ML/\ZGLDZ(MY&70;7(YS(-T6BZ5L)KV %S0VH/N@B?
I?1AXYR%!TC5_J9@#MMV&"VJZ!W0 M-Q3]0=.'U?ND\)AS ^&XC6?U-A\;57@ -#WZ>H#$#?L4=Q.PLY-1.JXD,@Y M0),2/LC.P*&HXLV3/>Q_>
[G!]YCRRQM3_)Q\8Q_Z0[ZX4HI;S54S+4#*!MUZ M7P9QEHRQ"$Z\"DPLZTN B-74])&#=)0VYO\XW%**??*/U=\$?ZI4VB2]Q3<4 M(M9@V$(%EU(35])<'(\.1FO5LSP7K/(HQOZH$!{ETJ,??HU0?
C+S[R5->D,K M3E=7@?Z^!?31#Y6*_]U,1H]3,C#6IW'$?D@F#.QI$/.<$"G%M>97CS2O*6XF M9/XF55@=9KS!&.O2@C2KIM,!8Y>L(8VHW.:#1,7--L$ M^BK'0U&!GKR+=#;0#%R>V,%J[IP=
#6$7 MB=15"R*SDT.N'(/ JR-*8ZSJYF=H)45H3 MG8U'_9U2ICO%M;W("B2.+3Z>OV[$ 1I-D34? R\M+NR4^15]R YQ!<U!<B9LROG 3QJW=0R(O>C33T#"'&+!%=_X2_ZXDS;
[4^6^==N?*N]/ ME?>GROM3Y?VI\OY4>7^JO#]5?G6GRC?X$40FG=C\B[!:>"81*!5SD86Z A9V@Q@S(MQY)\RG"%YX((TV?,#WXS)^H9$$$6JU II'.$.
M\1OP!W$+@L_(@O20RX#SYI;K@KU8UX?0.[$3*/W8+$+CQV9]ID+R(%?JL M5^YUZ>M]##R3^^RBQMJ*7F4TV^ 1"L),6E#7D&E@A4>W]M\I9L[E7OSP!-'!D MJ[Z&G;=SWJ-
)Q+N#?'>N$#.W(1>S % ET]FB>7<+IFHK!Q0WL]76LS714<"^ M#787Q-B\>S>Z,/$LWU]7+).KMM:BTH0VVO(?(;M!8O,LN'8*JJ*@5[:$7=4Z$ M(0UL>@*/=TM>GY!O.[P2
=N8B$HF9:,RUQ=PZV,&YQ%CK' M^9CL43E#@ M7T0GZ"%(4*C]"5*QF6AHM84F,07 >-<.@(R1!W'MPAFC$@VFH',.B\C-I>&C+ MV)$@AVCI)OIRJR[D>>DRS3S*60"FBGN"QVM88F5WTJW"E-
^J4==JI S$9S=A MPMKM32'OCFA#NEUV]L766!5RR-.MRQK!"%B#?^M@:Z0KV)4\KC MFV11%K/KTSX MHCY7&===1"UR^6$9YUGKSQZ#R5IWMJ)OU^TS45<)W=(XLS8RR-I.VQ'6DG6
M5=:V58!H_ 8.:>S_;QHGV46 *0%\4ID2=RC&/M])LVUT]MC@!K.]6QPD;#2A MCX&'*68] ME76TH#?#V*$?Y KCD,\)Q<$\RH/D>.6KQ>/(S_X59@UOTV2_X7LF,T7/,(4] M=#ZQM"GWIV?
F@TR@2BF?^TJK*>^F28@F6W=;< 1J Z}\HWT7XOI)DTPY0[. M[)KG>,ES; !'IAU^P5Z.^U 4; +&/' Z&OZ.*!NJ$E5L@<95V'$>DB?@ MK=\7W;=^K)I15L\ ;_Q.<>S1X":),+R=-+B*_RO#O'FZR?
^QD>6X-]+]O$9, METM$7Z[O;X-V%-P"BKGX9R0,/!*[(5Z$?OMJ$?E64O$3?5C3;UC385]J(-M)WD<^?P_?)?^B$).OQC]T3;ZK(6@R,]_J,CW O:"=<,H*.7OKN{[WL97*M^/ M\
<01UYD],U>7*))Y%?'[FD4W-8XR\5$ACYDY[7Z^]Z>W&H]LSWZ4&O0Y?>T M?_MR?/1Y]:"V)Z1;<0*J\#YNPUN7[L=J?+8XJ!U:B,%]JIDND_{&I4=5\9XZ M$W?-3]$S-%A]KGJX-EN5
M:LB' 6H=/4VW=S'^,^5/$A_!J>FX-C5MQ$8K.8.K >FJX+@V;^FO"D8_K'[J M:V&VGD.S]]6 !K5Y,"TU^B&7ZPM>@RE8ID!M'FL\$?>M:'U&ENE3F_C@=;EW MX.))489>>VKL&[MP.I(AK\V9X*34-
W3AANJ4/^X*XRM^4),$C^:*9];@VLP(; MK-$/17VC=87[4"EM4.]#I>Q#I>Q#I>Q#I>Q#I>Q#I8>_1S,8AG&'X!SV/Y46 M8K9N=*NO^KD'B\,Y8>+-M0QA(4EQ]"MZU+[#DVFQ#A!SKQI/MLB?
T,"3+>S6-M9>SGH0K5NH[R6A-P:1.T-[8M(X%*M9QG>IO6FG^UB1_L(\=\KA-2\W=70U+'KIW:NI9WKX9-&{J3.FU:W[9 MLK6WW)=KBQN:+@E-
>,KC4WRGY<4!RIO.AU/!I9W^1B1ECY='2@V8W@:VA/5^_MG[]@-AL)6_OD-?OD-?:38[.K:)^\9I^\0D 2KDA$&_ @+&X]5*4V%S!JB)S M82KYG'H1Q6Q)DSV"E*X,1&5=6A_
NEH47*%*\@HML6K"@27,K DD9I,Q45?5 MIA5 =[38O!K8F,I^YG[@%=ÃW5OEB^D2ET"Y+&*/*G3PS+RWGPB+>O7DE#BS>M MQE2\<65W(3OJ!/:ZCD,?Z(.[CN @RU%PE MB+0OQM:$M?
O"<:@BR?DZ)#$[.I2%H9&G5HX>XL=L$*]+$LVY2J*750_(A&'-M*(+A6^=V*/7V9CPI!-U@2TL)ZS;"P/,)Y= GEW..L<;#H+$@52707,=S%-#L MCL?FE%?B6](0=HXZN2+@8MV<;U9G1'1O^-,?
ZTJ1HP:[:_3@E9C>A9 NWHM9 M\WAF?_5B?_7"EJL7^Z,2RU;U^Z.2_5') JA$RT'SRX_Y#"_U_I6+&+KMT,2S MMPVWZ$),.3%](F<+(((*>TI*.G"R1$$&QQG.G=EFSG4^VH_-:UT@GC[VG4\
M\]LS99>HE&'CG_7R*&5ZL=]X1+C)46K920Y=$!H$6[3CHX/,8K M-K_MCR\K%IQ!2@^.S;,T.*[1$",% M#TZ['SLV.=O"^-=LVH^\)K+QYQZR=GQ9_L +#>(&;?S9V-9VRNJ^OA_SI 5S
MK'8W _5=\CA(.;H6*J$D,>JNR(1VORF?(->F=V]:45F7!1R7LAN*MGGO#!% MK\VNCAZ;P*!.D*T5#H-7I(69I&QCA6\GE.< 97.?TVK,?4^OVUO)#NJ"IZN M=;R:+X&;,.V#.";TA<.L@9.
["AK78\\7T"VA#70%?0B=[\}6*9";]4BEG+'= M6 >4:2H'[\T,1@AZ73'JFB]J6T:L,W:%9Q^QSM(SM7W$.DWR+'U\O%/$.D.^ ME=U"ULD<*Y^[W;W'-"EQP/ZUL3_[Q^R&S[? E,/^7OJS$U-
+%3)DXFYO$>I8 M&&S7*\"& !A">Q$QM($& @[-:>6@KF_R(8=KA=6_H^=@=F2YE=]\4&'?Q$H AHK MD< #!^:1.5I@Q]M>R).ACX/(["LR@)P!$K%2MD!/#L @X
MZ/D8QMHY%'!MR(I42PP\$$LL1@"$_8[`75O4RK&XL=4'=!I'_M\@LMY*B/'L4EA_>PP,U5]*%G;9#+H^GO+G SQ(IA\!GZ*0GBM#'1U8L"& MX4,\M$U"W0T+OP?)(@LYQ-
V#B^:!A2A2CD4A!527#K\7E'$BXTK.'Z;6[*1JM MG'?ZH]JB/<-I0+"'JI)M&JIEAK\ILT-?(E(EP-[7L7NG@9MM0HF'L1^?,^WU MGC-"$K/WANYJ-WI7)4LG.PJ[O5R_1N9HP/0"$&_3(T8/+/SL>
M[ERP@9[B.+E!"3Z[OV?=/WCD\?H]C_6Q[MXFSI&'X3TP-QD67[(V$BRQNHQ_&E])% ME\U_Y)OB>8D8(`_[]OG=8@3(^,)Q,8L
M@;T[ISCV:/"0E,Z.FSBW2N*6,]A<%9!&8TZ5E3OU[/D!1S'^1B@E3'$TEZS4 M01$WZ%+ !RDRYN,8>QYEZ\S+_T%8,X_R/UT^9LF3^6DU) W@[PFNH!,&G.' M7!(4J=?>Y5)NL%)'# K>+L?
%=9K$"8\UOT;>B9*PFYP!<%R)LQYX(0]DS MIEX0YXGGUW]<<7-N3,/4U;W]?V8KZ#GN9-0.C4!Q5V>DJ06L"@110EAG,?_ M0IO?3-E/,?
RQ$2J_M2X(C/3EYP7LIM]DUHINBU>1+LL0D,>A=@Z[7K>'W" M.TFIMT Q'L\ISH!*CZ*.5F/J?*IM;X1#\.BI.M!!UE_OSEL\IVR+6W#&(L+L M;\'M;\%9-A.Z>@NNV_L6;KQ%4FD-V,
[SMT@<T>&1#M!;!!45=>7T$08?,,.[9 MT815@RG%?N86R*,/C=-D06CP?[+(2G*YV9&ABXT=>?YUM-,XS#-/I2I %BSS M&BDL:V;=6U\$6.O]GT+P-1)94\\ZSU@&&F]OIREE.">8!L3/X6]"[U[?EW:5
MFY1=LG.X7>1UO2UTH;UU6SNI4CG7\ M:_'[$K88D.F6=>;0A?]@VX1&Z)+[YR#UG&&%8!W)G+3FO#??;'_=]!.="O M8LPOM@(ZCOP<.6FVXD&C8>Y5DJ[3K*F\:I,Q3)I SG4T= M[4
NS3G*^%3R#<4_OJ29_U N:W7ES.^O6R*%%ELL_W[%8FNLV2H^17(3>ZJ M^)S0>QPD*7?:1SR72$"S2F4^DP%1N-[.AK<5V&I+/KO!'D[=X$<@VM>5/P$99?:83 K1NG+56 MW^$@<6GZ-
=BF#2AUB"$E%$_%.OR$->_(NFM,VT HUWQ8_^PLA\P^(+]IN%7, MV.W"[@DB,CVM.XQNK_5&L\B?A"BZ0DNLN@#7S]?,7'-4,]MP!,6#=6VZ#>E^ M*[+Y_J6IEF,IZSW1ZO,F]E?
5TQ2IF*(A[V.#Z29^NY-39!M:KO.,!,\7:!B M5QI?\4LC,3-%?[G[1PT:@*839D:\G,OVM?(X,?\^FA7]'L3OL _=FGN 1@=FRO@=BW\)V-!{5A8S?Z>[< O\ABY?#>!-^C_ MY?=I5ZA3?
#9PI2E3^N!NVS!.5YP^O*M=$LIJRVPX*E=G3SCH_26A_26A_26A M_26A_26AO_CUCOTEH?TEH?TÊ(7KD2=F0HTKLUE*.9%'CC\R% MC5^!)E\)5DN]VK6CR!@6'9[K3M=V+-
>$QA3,V]YU5CN3V[RV:4R+V47)=83/ ME@\A>2GFT578\.8K$W5-IM)>MUA8."H#TF9N^_NZ,FGU/2.U3+-E[,+/LV6 MI1/9/LV6)GF6/M11!?\NRE6C9SN07JL.&+S.9"YW8'FFO7Z*,(T7039KG]U>
M3{)!;[?I9T*.TZ9D>&\OKV=B,35'>H!=CK;84L4QQTER(§]?9*"OK4ZVM. M/9G(O9,BA9[5.]&J^,?=?VS?K2-9)VK:5=_P=A$/5Y3U/WTOEVV-)EUNTUI M3.M\M9K$%K"&MVC>MZA>VHI0W
);MSPQ<<;6V(-5R#K[_"QC>8U:#F:NQY MP#G,ZL6^V 9L0&8_2FX(ZLF_OB;31&^(=&/WZ=>[8DP? P^+55B_5<_L$4]) M@L+RWT](G%R1Y)\XN<$>F4<\TU9YH-9P2/3Y^=?7Y
8T&]1BC:4#Z$WW?)G! M5J'%KW@Y273Q87'LVW 7]H,.8*W6V1=,/WC941/M5R_=?,>:IR]= M-S'P 4R7_-C_"F8W9,^]B"M0O*GI\Z,6W&GIM 61X4QGW5&.&*S.Q4*UI*'' M. /P1]-B[+X^VA_O-
M_%L:]M#']M;R3YTF'\"!#=7M>4 !=K5[HBDI4[6 M#=\N7,YJRHY4[=]*:.EA5VRT4Y%C$)P]L4JG2T =TMEBV!M">%\9*DFRFG M\Z5X7KTQ5U_/>\(.C.Q-V_I%)96JX)HLG+E(U>,?
R"48O!,O[>I:IK+I1 M5M^H7$]05@ E37\3FI)T_XDB,YO+Y6_Z+J_&E5GC7=(EV#0Z]"BM8[=_1T MDOMJFM1A@>NE#8W;[Y&,&LVB%7<9HFJK+"IKQBG2PN0P9_9Z-78CQV;/10\$ M6OJ>J
Q4'=IANZPASX.D>\ T6.Q7X.$EKN]+)_KR*0PH_BIF*ZDI++H87W[0 M.X[XW4.T^4U9=56G:ER1F2E-S@O9327[IC93]-H*?;8!(;URZ,P>]_P'=$_ M#=?-L5#D#5A!(_]9(3LD%!BRH-R=FQH2AQ'5"E
MK1XX\[6.^P91Q59?47+)FDP4:W8GFN:KCJ]>%? BHI+NKTA -4"V3' #6^#!;@8=(%L-!$5'W@)KS)K MS?JPBKTOV ?BP,I%=P<\#;JJ/X4Q\DO01)GRTOI M5*,G/'ST4*U>0-
KI -[2NKE8$6/O[9P\'OHXR/L0^V'3?=@_9I=XCL(S!A4\ M,F&E.H7A*B6/"TH5$E,L\= M;32&:#<68D"'?H=YV)ZXXK,G%NT84N;,YG%,#K_,$6ZE5.KJ89AZ06 W!NF
M/,>J%!M^2MZQ+Q*5+O#T/*A7:1T4$W;U;15Q>TJMZP.>,AFA0>9.JA4:W!$5 MMIW MG;Y[=J8UJII#D%KWB;.OB)D*2!M]RI*0Y_C.W4V%R*8Z3(I 5?^T# MS]2"PK,/ADZ]6]YB!U6
N#&V>KJ(/++$4_1\]HR6090UI@F.4)@]5(W\E29C MSZ.I+.QDPXK=6[2%>]"'W-S#PSCAZYU'',DRD%>*N<:4 #RX.C]'G*L,6M: M*:7ROB4H[AHO$B7
&CJ%V8O,$>#AXY^"NLP5VEN*ML"92PSIU;C-/2]VYY"==8J.(>QBW0R/ Q M9D 6/&C@YHZ?,D*O5,P]BI3*0+P9BUU:Q,?DH>[/L:S?,!5TC1LA?(B-+]WZ M'2XB/Z#82]AR_X9A!WP+6Z6<,3"
(';+N5]-M?4K&W\[R9T30:ODC*&9*T M=0'WF!W[XGXC_%W%:A$_P92G 4=SJ'_Q9TA0*T$;'FSB9;B/.\%W#_*I9RA M \0.LF!LR MT):&M?8I&!!!"4/#>]6*E"0L+0U<8!4=&PA!+=K0_OLPV>?
4J1#1P2,'[NN2'BNO671+H.7W\+,PJN[C M"8L,"L>C[BU2.O:!>2R8C?9Q=_9Q=RR8R_9Q=VS;)^]#K@@?Q$L+FPJ MTOWN02=@?:P;8OJ*{\+T)\A.GCT9NY&S?_:U?_:U?
_9EHF%8NMUL]>SK]3SZ MLO'6)+_FODE:+I]>165=F$5A'2VZ]%@%J3- PA)FIC^)F65\V#V=+4>+S1/4 MSM0-NJ?[Y9]7),'2G5RYR,Q02$=E,R<2O&!/,'M%HCC^ETP2E6*F\I U/,"L
M8X;,WW%+,GMIT6JC0I"M<[3S+K=Z'@$WZ'(IVTT/0=9P]T#W=(K?_^O[S%F MO_G 4$L#!!0 (_R!9EE^'Z2CAE0 #W5!T89,*M(E(Y)AFHU.&R[PU5$,IR<1T5&LGE1686IA?VNQ$R
^ZLQE2081AGAR:LR(8P. M:3@,FL3Q:K'BB\,,ZA$?S+$O\"/2O*$+[,X7ZBWVK?0]VK'QE:K9]-'"H>H8?JLNLK(H56[,:=@Y4@C[) MIP?:99DL!89.6FA#WC!!M)$\
[(G@1]H:C]/G?/J8K\HH2Z,/])/K"\KPTSQ[MPD5%*'&O\PJK!\$MR_#FVV];O=;A'UM <+KM@GK(1%X,HJ3Y'G7T$%>$8\(V M>_GV37-.K$]#9H3,M65*P>#\^@[&[6,S!#TL%4Q $V;5,DM MK%M,1G
"[@A\E(VCRH?FZCW.2%{>@ X-K[D"' MW!*.J%8]X!RJM8-K-8S_>(<>NC\O*1M/'TD6F,M5 M*>:M=PT@VTY6R,#H:SVP89>3=UQNO_V^\=IL2LN?F4U8P. <6 .8-+(^5V=&-MN-
W5F5(P.&5ITSZ?$%!"?I+JAE\O8]&,[9NJ1.,');_MUH'M8EE4'9M(_VMC#^E__'[*11+"_@U^\T$])1Q&J=X/P:FB0B.MLBIJA,J* MQ%&*/N*HI&NM/>Z;,]71'Z,7LE@ME/9(\,NO#E?":CJ]]R.
(CE>C@"^W)_;EY2380\$8T);"61+U?81!$!4DZZK_][+01QJH')0\,O\[5]"S^6_1@,$25YCRQC^C MYVT-4N+XVWC^]%V"B?!,Z1\V3BG]#TKY>92>9Q51WG=42OA@D $:HXQBV^#<
MT&.230B50D+LL+LD5R1+?DGSARB]6+&3@?SJUC!-Z(7]31DVP)O10R<9G;,.1'4'DD%!#30)>7Z.HVZ#GS,;1F 8I(;%"Q=LN)=2XS.CM&J66)HI7UMUQP-TL7#2",.AC02 MD"S*8I+-
S1.7).9URM*[$U6 QD8'- #4TY0K6C8+?,IJ5)\,[O,$O)$DE64 M:K;/.7*^=E:.,)L=5J50<'+8D W9P67Y,QM&<6]>AP/HUOLPR.;G MBB-*]E&9_'..8^'PK Z&*M5YF]=^9HL=:T$GK21T('K%J98!1
MW!L3'$"WC#+@(PF"&':"F;!2:1S)S:%_=V^A?2I8;6A?}?@9-A MDD+[A-RL+TPD/&:GD4%KY>"I2L0G 8F5)(_R&0+SKL_H!T
MMVY*Q3%/C79)VS]C9HBN1S/JO#&V!&]3R795:V>7<>K!R,4]YB'U*$G>U\GQ M6B7$M.#8)8:&O8YE,$M]$:]9617@>ME8.[\'IXT!E&),*N-ODGFV2#<9/E\L MTWQ=,[F)+QMIEER*"6>,W"NI-
U#V,H+3,4?@"E/U%C6JS?,?3?@A+)-E6G]I M9'P:+>U*2RD0G$T M=UFFQU7%W]N\F37I19NGET[6Z@),B\)#?M'K$O/P3==;L![NC:,_M"NH"~R89IX ,T%T@J-9+M;-
$#'Z)%8MOV];%6A_]*%424X&+K?[K#K^#)TC_(U]LR@$9](8E\U8VKUP\D=CEJJB5F\>\?,K"-0$LCD)5_7IZ]_+6#7.)DUIP(HW' M*KE)3!F]_8!J=<3U$2L
L1*0FA.'GO+&7Z:C^$GG.9+$2]LG>>V+71%H4P82A:"'>+%("'1"LISPE&ES9"GD?$:JJ*'UXM5Z0J (9,*ME33K"IF#.VI\,U=T19(Y);$RR_MSU1Q@;WPT@W!P3K@B5/,#U3I0MAUNGC-<
ME(]DJ=EO&/SN:Z-!":O98>C]&)P/.D3# F]EH$P5]ZN'$O^YHA0\?Z+_L$1= M.Z5]3A\6R-V)1",:G"YN^:*0]\58:E]$*0B50.8C ME2%]#NRDG+_0N2YQ2=BLD_3FF)BAMBZ)6BPX&>S8AE00PH=
(D[RI':FHB\0P M35F:-!WM!T)>+8<28,]D]"2/"T\,(2Y7DO_9(N1@@0ER1#%_2/VJ=$X5@$&)(M0)7D:*7@$60(S4 2)HJXK.\TNV=YS-]M9D0H$+RS[X2[*I -=EUN[\%[W,
M("D/52W"74W/*$[*2AP0M3..P8QI MY'V;?B/LX5R@% 9!&A>$VMFBJX1:K4 \FF39*DKO\#(O3/IB_EFC0KDD"Q=_M&5 <40#34D//(B$ SE0/-& TR]}6OFP3+E_Q&G*+H]%F=V@{1]
MLT4/>,@761(48[3PM)SA&JA6@4,;OA]_1MTDQ\IVY$.21X)MXD\K#)9"0X2. M+!*'*4PO$)-N<4'RA+K9A8U#DJ1O]FB@#GDS$ /%V+5>$..+RX4ERGB5. M%&GEPA!D %-CUH((#GZR&S4H-
(AB7%!RCA*!98+^G>J!^L,LKX)HH4[)(DD M"(HH.G1:L@B%AC-<)2AA_H6ZQ M0P>NX<3P=Q!KE,*%)C,3\T-G"]VX7])88/#Z-
$_T'HI%RR~IG*K0IY91!1#'!'J;-93/1(Q*>PQQ+H Q$H(PKA) MDM"&*%N_79$,O)767RGKEUT&N'U.*00!,4F/3L.?6O*H^0-B.N@F@T*:=R.J M^BX\,=ZYDN8=:-
*\VX8TT^<<<"&G>CZCJ^_"D>>]*FO>@2?.^*]*P)U5"TN:4 M_O&FF.,/JN!LK600RLA0E839B,&CBX3-1A:FP/P9IA*2)MRQNBENB_R)9+'> M9=.:)!R&,!K22-0-9>-11 [3QIW6(&
[V@MD8XY=9!THB%L3)]D&H3(V3@D:0/ MS&!/,;S"Z6 8D]3 ?UU0FQ$"^REF,U&.>Z0,$9!%?/:T#U_3V\'<0/:X!)3T5 MG_:8,R87:#>>)2@IU>.[!YNWF7T(IYW(FQ]].XO3T^M2^G?4G\N2$6_?)HO
M%JNL/N51Q0UJY'SULA%FT^.*(1"};T(FO4XH9%%?V#,M[O.4Q{0][?&1+CX+ M$JEJ11+R10@JP{8-L@0(*FAA29E<6D'42'HFP6V!&0DQ[0A^"1!G"2YN9C/E M;&\2]D4*.^"&"!}$"2QPI-
3RN/CN*.!A KB.F%IIJ22DM"I1,S-21IP[8PT^!T$-S2@I/<" MV&\HGZ&W[[Y^^*9Y.L[WON-U/BVBA+TKM5X\Y*DF^Y12RA<)#! ,'BA$0%!! MCVO(ANLK>&.+(_B6.!9Y&!QR RG12:@UN0Q,
MQ4VJ2]],Z2(XS-.TW]F^7-VCZ,RSW B]E)4)T5F>,\1,Q;8 -.$2C3 (.KD@ MU(3..*7C/Y@6:M3JC, @3/HU3U=9%17\+GFALDP:.,_'T<#L,V8@#(@I:F0: MAK3"2$B*\ M%HB\D-T3A8S>,H4,&9QS]>UC:
'M[:5LH X8P2HN\ =Y_S8^,9" M*] 5RPH745R1)WP655&-35M?G;CO2Y4FT,,/;E"I90!0R M3>GVQU6*J8J.%4 ML)0QQ2EUM>:Y(4I\(.4_<8P$4B* N*#"I>$"%T6.;! NG"]P,.?3VR]%_EP]UOE9M773

M2/OEAA%RGR*44!<,>'3<*9104*G2:D;ACPOFX3B(LNBOJ8*4<^TT8(=<$:2 M@T08'3B)+2F.V7[+=5ZA:8X^E1A5CQB)5PSIWWT22!$$D*SS].R2M!FI4/+/FAG*XZ*[C. CVEI[VMH-=MQ1>#7,$W/++)@V"3(TCI46^FUE]<O;(H\Q9E%696NM;/MOCMI^.3.J2GTV.:D"XMD8O!H& M;HI G3*..C-6R,T\%C3.LKGE\1_WCQ%MP)M55,(9E +3[X(;E3P?+SA48'#(M8-1#T'F+H#!ZZ)N.H1$LJHHQUH?59NL@#BY&1]AV>X8/<.IOBE.J$?^L.P MPG#0];UZ M#WV^<:H^^+9 91CUQN@%9^$68*7@UT:5A4UOHM$:,?1,H[]?&[<-+R=EB:O2MPL"AD$^NJ0%V6=67 ,?)2PIIP(H,DZY\3&K@R 0."P!BB1J=[M)BCB.C\%9\QI5#Y.LH3]Z_S/%7F*4^m;93:K3J"C6=!;F\Z^FWHZZ/ADUJCI= MACDI@F'<&+02 ZD2HL8W%+,_X(UZ<"[61T?E'8XQ!?60XFM47">-MN% D(#NLQ C'B2JOHO3*U4_6W5)FA4#CQ&5648R$3F6B"M3HG;_$Z8IMN?^2 M¥\DS2?6&TD75[WSC7IG^/&37 V.#1H"5YZU&M:8?C/GKMLB7N*C6MQ1L17U_MYOX.&JV-N\1N*EZ/1L949G>T8B#'AC>C0 K/[HB5+L4A,#)[IB8,O1Z[S" MY6VT9EOJ5NX9E3RSSJ$* [X9- QS0Y3P,%&"65,"RV%&OJ:9/7^!(H6X@0E MGZ$"ISRX;AFQ52/]B__V[NC-FS?L_WPNS@CS$]D/[!02,+L1@]Z_.4*,1US@ M#,?UW[[E?_O^B)99+C'/)"NOPE.<+ZH<:>V7MS[XM.1SCI9,$2V #%2O0GOD M/>KS% :G)G%R*_FAJT\BZ'3@,6UVPP%4?*3![AER7.RGH5MDK.2RO:D -*<[4RYT#1SHU9@.EFW4IQYU#]; LJ8S2Z@^:))5I1.(1WKX&DK) M"F",E0M*^84WZL!5N%B 6\@V?N<9?]@N(B(B\L)(&:=YN:.)·9W=S]9J!%A2VMJFA6%3HU,,1SQRJG:\Y(7J"296VF,V8L+3<6."KY3U&%9K1<],0*AL1/-H*F M=·!U/5)[.ZFU O'25 4-)U4J$/EHP.FUCW.6FQJO.S]T%OV=E?!(5>_$5DD MG,QO/KQ_PPD]N?QX\J^H[D1];EEUM(>KXU1J4'N;RC!^C}$+3O(MP(Y?$G%5&X%+*V*E*=*'#.4 +92VE-OAXZ&,&IU6G'C9_.MCZ MQ+(. ;NR-2YI(=4 6\OM_4$?##WP^"OQGFDYWV<@%,\?SFZHY#P5&,YB/2V,&XG].*OTOO>F%0=C8>P8M9:^MU1"WA+HZP=DU.OP$2L#)N!"35Q!4,CJ,1!4V@KEB^.V1VX)EKJ#+8@[2 M=.=1*>DWE%8+M1]!*XF!H8X>F^(16R&)2!'RYK^]^?,.6^92BWV+G]'W;]J5 M8"G2X42KZC$OR+]Q\C-UR3.,"'OnCI*IM4.>X+1WG=^'-PPG92"!EOZ$IB MON=39O<\@C@<&5S"]!6 MU:Y0$+[(4)6,%8Q=/7$G5R24\2*, MQ9X'C'.A ?X.9 9PGCY>.9@95XV##@)!7,=GPS;@MS%&M!V (R-5PGI8K$GB M2TA5K@_N$8\'>2^CBAV'IB1FQZ$HEA<8@]C3-[8+>C84P3 1T5%G,NWQV"D M#'5'2H(QE)N3A7*:3Y*$L/_*+V-2'*9G49+4D4IK_U#5+(KQ L6:L /#>[8 MF]C44CS1^HF6NL-Q/L]X*:K\"/X^ZW-8^&K$[J Z]#?!#$E/%95RNC4! MJ]S]V10:?,2.(@G&GR>*^WOZP[6#?0W"X?B>FLPU+F6'3X$9C8>MWRLYHW8Q M22:W;H0^M&E,Z^0Y*X.A\EC$:I?O.2HH22NV$KY-HUB\SA'-]T!33;H>%]AW M(H_O+4OC^ZF>%5<5+MBA,8\9G?"RP[./>X4$I_JNR*4;04*F M>23'+*,LP='/1,JD?77=/@Q#?MNUWC9_[+.D=N'5T NU+JZKCNE+.*8(@\ M!JWIL/CUG')MR45)&0 9-15RWB9]-714PW7EX[[V177O9!J&T/F+R'9-SZZ*'DW8_^.TA..0IP'5)[""^?1"%^V2Q& MX-[H[%9<.:#Z/j,2-T"YE@6,TB IL2VDP!UBN 42?,E+M&D96EP' G3!7;YLP M,5Y -<%;O@MHA6L-L/>$ZU=#/:A^WR, MBUCO URR.<^,MSD-*+>XAG7(1M_N5E.(NV^V)M>"A'^OJ7ZR_69VV&I6/%VG^.M;'N@U:SBU+,P??'KUX>D!6V@I2"01H59G*9$N),Z+=&[W\'Y]DUKQ@PGO8VMPMHM*SI(2C.R%/#*W1]ZY$@P(L\X MD?DS,\WW0_W#2"K86=^>&TM[' +BG[X 9 M8 >LW' (=C[%'/:B^=@FJR#]6 ;GF(W5)OG@YOE*-! /<+H8]>+#79,%2 ME/R, Z>FH8T:/H>-_0N^PWB8$ALQSCD8E=#O&#O/!·GP M6?ZL(Y5*T.^+"S]@_<<6AE)@F*.%IGR EG*%-_KHF6D<)U0%P,*K3N[>CPDW MK2\5PMYSD&@!2TMV21(,@8SP7,/L V6U!@NIJ?M&'LVLWU6!N@3F3M;G4]9 M@:.4 !LGOT0D8Q;R)CO#!7FBI'[2!K)8M7S:(<=%K,FE[N0K"=?J$1LS/&M MB"EA^XAQ7*QHVVP38_KG"QZ'JBP0>'X^%9W3W4_E\B7;WJK-##1[V=^'IKP/.0^.!?##[JO%9S M3Z]=B/RE].7S9F9#SQP'.V21"ZK?<_ PL(UQ([U&M'7$F)*"#,'Q556.*_=B MX V6T=C-(\ .++3GUXQT%Q_K$WEF#·H*E)=9LP?9/C:F.IX1ROZN/8ZM4"^[MIY,F#&Z.A>OZS6]IZ,#N/_>T4OU0GJ>P>[E*03R9N M7]$N0\>7 H.Y6T.77VQH"V S,E-N<"K?DWE&9B1FV3ND46JCKZNRUY.'417J M'3PX.8*AYBBX\K'#8A$5:T;%3CE(87>#,[0^_QN<^CGL()N4?:\/VRLPW/W5 M:X!AH!.,[.DL_T-'#)($KZ[99G?:9AA'Z(=GHJ%:=E(JE{'S4X_8F:K!^=FF M178^4C-J!'ESR>T@S*..AF=-VC-JTUFBC LG^*6ID,WEFE<_,QHVDSQDCMG, M%YSPBF;.ET@G[?630!+C_OJ!*$@QMC/#D->I#!=0@}>MALT5:Z7 <,EH@ MC2A0%EG=ILY!%S\Z0_4&_ >E1${]WM\'9Q=S[:JUQ2X-A;Q>)5,"[%WKZDF M88X2EG3=B0M!,C?\]*T.,Q#H&&'=#= (?:][8V.KU=L>%G),H)3M [3'V[%68O7L\S4F]+G^$9+@JR^=O:J%9!DZ)@,5?\SY",L&O]3[KUMUKH74L%.3;,3;#5X% 7 M^?I&A[$>IN'1+37X8+C,XGR!I]'+B+,5@X;G]_%LT ?OW^C$P9#/CE'QQ ?5 M0%0%Z%ZFHDKVPQ632F"%0Y7]*0268_7&E8!B!$YCPJ6)X#EG6$FU7;J9D MW.N>I@5T;W=3(PN&01. THYG+8RW,/(*D S4L#(VZV20#TDHHUW2"H.EE,TB ML51!5WE9HB7EE+@P{@5G$_=_+53N@ JV>WUJ?C6='9!/P>JBK",FEM#J4<6 H[/YJ#J426\+D,;XX0,E Y.WOO50XG_7%%TYT\.YT!Z<;]IU\R@M^WG6U+)@2&8!*%]I:L21D(=D"H=UL080Z>5#\LD<(*03!LLH^RVY :6"\ZB^ M> 3JX\+ <6_[3> G94]GK#>%2%>K>*G33!<&\4W"$1N3*[K-F]4,N MBL&YM@<U:R4L2NN&=H\O%,B(%?TJO·Y?N9E=Y=(\BB43G)0EKDHW)FY7E-># M^:TJVSN@W&Q(<,+3 =;QTH\6Q2;52^!C9?7-A4D4$IS<%Q3=K^QIO)M9G3@W M2B\SNKY=\<$G*JEI)D==G_0=59TN7Y4T#1!+#-HA(YDNXLH9@G"X;_&SYWU M2Y%G](\Q[M3$S;B.+\;O XG;5;+_3.*X,L#P=4O@\A%;C ?IA'IEH4F2+RN< M'&C)8[@%RXF)DY-5=9U7_\)5C<-A:,.[F=Z60/NJ?KM4VK7 X/3>9RT,N0KO MJ=.01$52(E$@>EA5[*HSHF7NB_*[+]#B1YRL4CHCM0DB3OG,@M649P&UK=&< MU;TNTT96JK=2<]0 SN(M 4OKM5I=^ +E0 I51WPK_'+&K655Y4]R1^:/# =WYY84AYI,55K-V9&$ *;U=M#4Q\,W2,N0\G.UE5)?,}$' . 1\XL_ DX,Z3>KPU/F6D*N_R-+ W(CM?]Q8RT MP5N6&F8T[0$ZC&Q59$ 1\8N]3*-CLAVP)X$+NL,\Z>YT15&/ M'XC2PLS#+;JLIK^HXH"2/MM\)OHSO5%^@U1 FHO:+27?@"1?T)7L D#2IXP M?P&'/YYV_L(>K,;)!>4/NZ2[$!$'5Y5$I2LQ_N%^F1!N*ZJ(9 M-NV8MBKFA&.2&AQZ.V-59<>A"63#,\]-AQNJ;,V?!-,)>"521*P'F': M7^'P8@A)NK49E4GTY_]=H@7)R&*U0$LFS.]PEB!.SR]/+C%UT228+=@*D:2Z-K/<7JG5PI6>GAX)@B&=" MIWR[@0E3-G%I%"Q YTX4Z+CLKR9720DKN%=D06IE*\X&X2]G1%;>'OUK) MX+QP@B>EWN#RS,STV)%RG4,]*4S)>&HQ%R9!?P\"FX!NWOM52<%@@PF.TD2< M>C<1'7AVZ0]FXBM(E$R%)PB"%#9[>1)SNWT3L[VV6N^CY8U3A@D2!O*.M1C;(.RPJN,IG6+]"P0GD@DY.TD?i;·'(P.'+Y[SXXS*[+7+&;ELU!\)]&*,$ MK*1,3Q(>9U3PAJ1A,NQ=[J60@D.;"[KP*A]QPI9P5MH,A(/01@E829N>)#S: MJ.!)0>*U#)HS(1·K?#3]-38_Q9Z(M-^KZ[SZ%Z[N<6)<)S/_8,1 =.'M^T+'_;02\V232GU€C@D!&,RAJUG8XIC]E M12O>'],Q+2"HSD1<.Y,A]X04F*>#!FDUX)G316_\5D].IF.P,Q!C"H"73GP[^.!)X4)K)@#3C(^7Z]J6B#*&KZTFN@L1<%9K;,#7_(T1/6VIY'!4L 4S9O M%FBMJE(0GO4TP]3.D/NV>!Y[K'.Y2Y_5HO![,0AT7_WF, 8\IP^>9!7AJ,A3MYP\|W}^@T2F/VNC;!8*2.'C')KFRO=[F]M^*]'EOLN5%Z M'QM[*AO,!SA5P%BU_,}8UZ'.)YA'VCQD.MWQQ{'&RBX"]EI/5J.QQF?L3+7/VRBBA?Q)KNN #93-WW^&4C: ->1D6UMGA915D8Q/SLY6?=^<7+^1145QL?;HKIJ5VY$06"(O@OZ(,%K.<0%4:<.,"Z8 MIHXVU\JNY!.YKI7HDM2F X:/CD!'4 ^2,W#959BV6%4']9SA!YUKH93TR3(# MU"ZQ%&)@N*3')KT"7DLV44"(9'3,+RBABII82T8L/,QAQV[3Z.7\)5J0C'L? MMSB+4N:=3+*DJ<;=5%?N<'%4$(+YN@UL.AUE&)$&1$*), M[E,[O*/95(_=[I>7]4"S#.&!, A#J(2K,H4]04#DTJ,3S6%M_5@ 57C"4+ZSMY51%&ZV9&WG*L&45'1#7N0"J7Z"[:'!=?KM?I;>XMJN!(9H[5FG_J=9D=T-M(§,> +K#,29/# -(UME%M(!N"7§JX*CKU!*&=RIE :IE3M,*!SD?O<(FI^"/E M^QE^PFF'^9 ?]ANA[HX+GV"\Z0YC[QWLL'V%W1"]P%C[MWOM0RNL#[V](O1?=^R)@9@,U+NE$G5_B_5R8X>5B5 ,W09L1W2$LWPSC·1 M1!8][_DW']Z_X,T_N?QX1CVDGA%"+45&7^XY^,% %M8B/?C>!8YVN^CUXCQM MR? ZED$)5)((**@?&"$SS2?SGBH+,S#HVBZ!6"6$>3.!5MD(E'YQ&(T!*7D#R M%-'&.JX6'\AH_)JS@+MF.76+.9VS*IHKK8=>UIL9L<%M[8E.,#@C7-_J2#$ M-YL?RU8A9K)4ERV5YXB=7Z"/R&G1"=9=?HS'WJT[N[&OP4W[(CR)HY-C/JBV MBZ)/0^]>D2ZU[%K!A_AHJ/+YC} 1-TCD]4:@47^:9U41Q=5G4CV>KNAH6.#B MBD0)"75^E2_W^.B!\]*C$(}[,%&&V:UHIL\@%'"2E%<"V_TOD891E.PV]* MWJ\>2OSGBC'SB?[#& VA%/4:[& VYN%%')@C(,!G'3-OQ5%7!9, ,*@#E>9 M@ .]>$#V2* -#+H"%V!@ 6ACTA6@>`(^7]8SHXY# QGO_LH0GN2:-)@**)"-M ~3%^9.[50=L[>N\PLVIBZJQN{\#O%2L0B>[>8N(9/R^&Q5OSHG0LB!93)91 MBB(>>.FY_@"]7.=4V*:W]+6>8Q^2,K70#R!Q4<[S$KEJO-[DL?>NHE^BR=YMXI$'JE6X.V+I3R.3!*K*4:. +A++BV=@WH6\TJH?JO$XM;B.1O___MV>-N&\ MFNYSTH+5@6,@RQYZI[>H=OU0 =/O!O\[$9NN+N&!M-J#YA'Z,)RO'@1YV M)M2F5K0]N_'NM'?FB*^#3PD^<;28%+3R<#J(SU S> 2N8I(+1NDX>O[Z@\I MX6_J37. ^[2>UO5H,5O,;,2I3PV4H;Z393,4Z(DPO,*0VTUE\5HWLWNYY8\4'(TE;N\)$E]C2WB<2-4=JPJ+ _]&'/ M7[1]QS<7Y]BA\T//B-A\(O3&+MK.I2%U8-VH$8W=}JC$XR$5E#7@F"%P76KC]/,K\$ ^B9(#D M$#[M?MCA4M.KH,>(BHS@1YV9"RI!+K.XH XKOLSN\&R5)6QY>8.7>4DJ=K6(M;P=,RA)7I<6'=U58W3\;M^(.#"^ J6+1%H&2N@P>:Y#S292(%Q.D8^]P>YV M,QOXNZI(:ESZGO#ZN"ML,M"'LU+)#QL]F> G: ,& O>S:9&C.@#:1A]L3X\ M/ ^QRJPO[?E 2SV&IN2Y131UG:.=I1,U9_6ET"9"G$GG!RLAYJ_R^1C$ZQ M8#SP%%$1RE=U%5%.]?2 YF:00!/_=*-WF<.@3VL)!=4)QT,SE[C<.TUL9&2 M[L7 Y-EN.IC)8S5@ PX%V\9FNZILE+758W]+UVYRZW8K=ZR=-&%U^%C8KD'4M -#FT=G&Q65,$Z=7ZNF5K*)L#_79/1M{"LFG ZD57N)I[%TSOFR"'=I-I'!= M=D7HYQ-2K6_SE,3K*7ZI3E*5U=4)PNH@"\IAO{3BZ#>A@)@&XBI!MHNO\7/_M%,8M4>09_6/,7V2K,UF-RL?3L\O3&KUF2U4I!-LK3! E1Y3*(B,<]D# GRG4,!*&3)PB"\%4>C.O.7/(67PI[A>G&2 Y+Q_H(PRZA+J$@6R M+8+CU[JNGSL07 ZO(MT0]G!>@WKUY]ST.COBPW3NY/S?,F(U?5?6,"IJTC7A_M#FZ>,((%[C%53.KL/+.Y4:D$JS]&(#;9P_[Q7 M5^=5=)X"L'O?S9@RQ*Z,/)D#[,#KZKR*KE, =N^ZBBD'[;HKC W34N]76 VA M@B:=HF X4FSJYL$N8.NO*Y(EO23Y0Y1>K)@GFE_= MZ@:(3A)6%]E@RL>/U!D0"HAIH,M+='4,>!C9P^BTX\E5%5:OC<8MCS ><5.7 MH%@0U85 =-LWMVL8 4DVGS[21F918JZNA+X$6-V\+7QW-Z-SBV@FRJ*>1UU8MF'@TL80U7K"YAXPR,+J"3M0Q>VHC@:(GKE·(Q&<.9G3?UC& MAEX65L_8@4ICI=% 7 5&UQ3D*.HLHT4E!*PS] BE7A"B(%!?.MAEBJGF<CM[MZ('.8,J:3 ,OX]1A]=A6V(=]2=<5[^L.,JT28EIA]^2BE+_S^3$]_L 0MVZ MLVU1>5SCFBE73>FQL.+6D4@^]H?HVPUB^**YX&XQ\43B.V'$OXZL'K.', < M.]+11+4JD*X[O?GU\NSMAPD=^71*O8N6)>GBLOHCJ4K.UTJ^PPAC&$XC\AQEIU'QD&?7499/OHG!AW75A].1[X ML$]%"4@4@5@9:%,(ZI02=F#RC/A7U.AG]D-ZDS"L[G_*HU!KH)']2!C;_>'MX4!UBP4EV ?BZBM?E"")-0Q=+0.K'XP8Y:MK3!A*R/C8%U=:M;L;W$YXOKQYN MW;26SO'WU#?)G"/S1 ^G#ZJ?MP,MKJS6+RO\6%2^^ZV#FTP7H[!%&=-!Z>_L* MC+1J097A1!M$SH&L2_=8\.%@O:=VSK\V;):LUVY.XP>V$QKG#"2_B4$.T+ MXJP)K!]'PE8G2]7T+X)N1FR+JC61>"*O3 6HBSA?+_%_7&^1-7/"8HP%[&;!Z M>OL**X)WJ)&M7GV](FL#GE8T#R9)I+7&IZ1[0EX?B^VA[ON(#,N*1;&2QVA M6BYH(^M;%/URX6SMH3_7+6)9$JK=_5TP[%W:O.*[& LM2@K;.$Z_.FI%0 _Y M\72XC"\;V6_S4MCR+JQ*LI4W_J;M_^ZO>_@6EH SA[X;_?(0FE7B=NTEX M>!O!8#=UJPZQ*8#A7B@3OJER,ORMLAG1>.S\#.GH5]F$K M2&,OF,BWP1J_N;,IV;!=9[E#3Y5 QC$ 76'"TIY<[\^S*J5CE!7 M+=BKY!L(@BTU.E7?.(4!]8P=HY1VMJ/1CIA:*=R@:4,Y!?W[TYQEQ%U1?/70 MSK/R!,_R @NY:?3"7DRJBB@O$!)Q?2JRPHN2O3),->DWT\[9JWK0'>QS@*CA MHY:*1XHV%ABQ3D:,#Z/-E]$# W3#/_YQ,B Z'T(-UT)-I.PQ)?; 7X$?Z> @M3W5+75#@9)Z)A7.\GA915D8QJQ:U@OE_I;R2F]^KG%U,Z-UO,T+_D-GC3+- MW6D%%! @8L-H!_4,YCU8?8?D^4 48,0=2#RA5 ')-]@1 ,#\U>"*(C5&.5 M5KJP!H^B>YK&5E';Z(>"XH%0_$Z@G1{5=0.Q?U6^6KJJPBGE_N7/DEXADC^(WV1GF%WTH=Y2K.(L*H+'CBG38M/1L]Q!0,UX(:.P(YV.+>5\EXAINW'>OW',H[\&,*.O#TW1@]0%TW"]{VV{&0O:).Z]CL2$RH,_RD/0]TUP,4 MHUN E!*JA! YJ0IA#VS^#4KAW;O-VBS [HI*U#_ULDRRVD^B?]R@ M#K! QZV=*]#,8'1W9L9,R+->DL>:%RG5Z{ S*P+BBU+BRUKDP+M6]'A#:CSM@^D/;]X\/3U']<6/WE.< ,)%'[<=+6(5WF9?EZ;JVM\]QR \KQ\=TNB/`C_ MW'LI&3&\HO2'YY3^)(I_M_SLTX>OXV3^YOW;M^_>_]/5W?^@BRJU$3BN/GD MU4J*UR*3>_2QX\KYJQK9C^EFO*5EJ3TAU0T[RKV MO4S0;OS,2%F"__9Z5>PU_Z?7[]Z__O#NZ^+4"7R"8Q"&Y);,1_RJC, U5 MCT:Q8.L_\N;TYCU1M9,(-(R.RG5QY=!JS]]^_?CA+:_X'[5"VA-EX^>>>"%'YVY!2):./BXMW'.=Y}$+.FW%YT$KUT*S+Z)'5&"?&D=_JV AJ2*[CC+*)ZL5C M%S.%,]ATE53_S,R.6E?5RZBUGU &G$1N">,H V+5*$'#@NVQ+SF&Z> $^5!L M(ALWE&D!3MH0'7),.+ VH0D3, E' F534W1"O723T*V M< 1L7Y"]3!,/P>Z#MD FN5ZFA.629F/ X-> +*9C=HX#3.D T5Z6G_N4)FS MKYP_0F9P5?F=K83]KH@#K(SKE67*9V? .)46W^UR!&MJYPH'69I@;3,)#;=: M -L'$1YJXH8U$2 ZU.,\C&0>#=-K+ ^%GOT?C2F-5R$+KYT-E\LTS4G FY%GPM,/9@!K5BPJV[42=O, K6L>9"=B/,^#:^CO$&W;

M1H-8K]WDEJ190GUV%!/(?([H>IF JPA)%>'(Y5EQ)W S[__A=#Y@OUWS&9S;TY$(])MYLX^OC*@ MC<-^7-O5,ZP-Q'Z5MJ*J·IN)_7X>)]JKZ@/K8$Q6],,K@\U$?*!C\"&_?*[^-#XGLW?*
K#.N;@]J>Q**^G]C91%WFS=.MJIF7WHO+\CQ}/?>\AZ)I),S2U;]LVEC^P^_K^ZE!U>Y>;6A9L%FNV=HJE^-D
MWG(O\5<5LQ]K1+;O^,L2;Q[$5N>UOZ#AN@_,DGBI@[\8*QM=9RP_GSŸZ>SWTLC)A1V M2<+W[.W7.]^M=K2?R/)^LX!6(.?"0%D3!>N1/Q#XZBZT0MU"F59_Z9.,U3E_ M&D_RQ%^P
U.E55HJ0)) (C[@F!PK8T6.[<5KO%*:M1OG&KEP#B/%137'#JZ4M0[Z4&A@3U$T!M2&@ZUG6TTB6K61]!A'4>Z%M^0A3@P,U$L'M2&A_7]R+(.$=)E M2B+A_7JR+(&\5!]+^K1.H*U3%VI5P^R;E0$&0;Y<&0O\)Z!7*8N$ M_=V"A"&WG7L1J__+R@/Q_\X)_4*.\" L#N2,6W@)%1$@#Q\[QP/+;61J&!' M9AH'3(T0*K,!#^CT[.KU.5%?CS*(#"'OBX*/E
YA'1#3R3,+VCJ>V'1H@OV M,S)C<.7IDN)0['%/LT9]4?'_C7@)&/U*82CVN =<@ZX[1OXT3Y).8[03CKHT M%'OO7N<(LP8D77D8!>?Z%O.@0;Q6%0HY[>M7]B8+Y)*'<^?Z.^N;Y
MI%T6BCKNF56O*0KL4^_Y,F# ^%'"TS^D#1* FX!U.0WBA<\.#1Y"&N6*U/ M>>Q)\G(.!]IWR (Y07W)&N! 0H[XR!@N*7E?{@FW2<2(N#;[<8*CKR/X MO{?# STB*B,QH_TTR2>)'6F0.,\?
DH!RX,+A5Z\UZA H=@20_K\]"07>A8.P7$M, MP"=QFGGA_Z,/IHVHO#P4?!>.Q#J =VW>+#H MXNH2*4.1;! XYZ"I7KM&EM. M=4(\=8>NEX
BBWNTE6FU8V"O8GXILX@CK5FX70H*,.X95:7=KB=G'G>6*F>% MRI_!3GNX4V]3GQWC^26A&6L!]^[.H](>1+C 4Q2%XHQ[L-3]N6/,[T0Z%1Y' M^HFU/*&;7 %UP&7EH&CC'B/5&NX8ZDDB
A<(V[X+CS4>LYK??^?LH#LA434*L4%'3< MPZ1*NQV#?!U%BW[-[[H3]R1EH0"C7NT5&CXX{1KK5#CG.C"!1AW#.C 0>T^DZ>+1V5]X0?RHG3'D):%(XYXA=5]BS<]ST/P\MYR?
<<^2*NV00"Y\Y]D8 MN[D/Z,R60%F.MU0 :*OD!/0.G7<='BG"IO@C+,E2M.." 2#'7U$4BCQR**I. MSUUCG@>4YY(23;]@D1?Y{(RV>0Q! ;]1"LH$X*GZ(YX
M:1R1H#@#ZUFK]S3HC<<+%KW&8,{@2X0*;.%HB@4>Q?N.Q5ZtCB@ M%K[>Z_6I>)%+![U* LJ "Qo?>]V17/(RPG-WT4=RYF5>V4(=$2H)*!$N7(+] MM48+-
$A.F0;S6'_SWR@(A=T%QV"ICBAHWRV],&P^NB1#NU$0BK8+'L!2'5'0 M/E^29,[FNY^3^"E;E#&T.M05 E#T7?#SU>]'P\+S)I2_B"K44B 1#4X9X0+^
M2FVQLJ.L'UJX$T^K)@KX=>6A!+@1P*K6>,.<4B$5[U5V7. QOOLZ'PRP%I0/W M(S5'F*08%VX7PKT0\% MYQ,O^B/\'S+_99+$/B\'7B==CS_ "0M8 90,%TZ^51C@6"0VF2],6?>U=@FM
M')0C%P[%$ 20]D[I)FJ.'-'.!! M_HI]!,&&JZ/7HF]X[4&5GF4DF!4"H*$Z=%7GR.0N-YG]L_Y+!5!OF;V?IN M9Q(7QSW-BP]`4K72.&G8QVC*$#;KT"SG2@ID"&-%.OZR7N=NKH34>Y H'RT
MBF,G4%: *V- H2HZ$?+W'L?9J95'.&OM .Q M_Y/6%OY2X@D4Y^#5GAHI;"3-=NP!=$?G.3U6Z"L,6I2ZJ6P$S?;D"#3#QUT M89JK:.&&7E86.X>S#0%J7=%I #++0#?S!CO;V*
[L$<-9H=G9,2'!5]*MLFFA7 M%F=>*$KB35.9%\WY:[]%9FPTGS_[8>"'!>UBHY?"3AX-8@FB.#H[E9GY.HY\BX6H M6APJFS2(#ZVJZ$04#3,M0 [DD+98>@Y@S;FBWCT-.48)?QRV .:+4[S-
(N7)%DU^\6X M@X=)HZ?+1O 0=]#+'0H?V9Z(;UVOXXRD$^^%VT0@Y&GET!-O=Z$ @ 0Z86+3 M9$656@(]8;U_^BW[!PJV4&9%)\R&I&V(&"4)(_?9A4+CXTSFOIAG.8, M=-!&1"V,GI,
<1H1R0V*^Q24*K^)H/B7)LKI*@^B3"Z(G,=^2.AT$Z] MM4FZ)2'W3MX2?:B-21R<; T>GIS*V.L5!-D5(GV2K4T,"05,N@)T;N,)3,(
MZ#Q56@?:.CB0'KT+$Q(U]WC'R#VL.28<+GW3BQBHTCD:TG4"j'G6]]RMPA M!'VH=3'XJV#B'RY5^Y:.<[8%A?[*:&$1;#?Z!TL(.I'2WI$6C,SH?E= 2D[-F MJZ0#.=\[3&HR;0?:>U<^Q[/I*
X_O*BTI .9WZ'X*G5PI)N/@T#KQHTXF V!+ 70TP[=0D)'7]4J/H.B]IV9OR!!'$;=%\0L*W""8G8 M#QGW9DXK=T)3_86+936F<<=T.&:X,;DM]]ZZ.#RWF[EIY54S[+W-+U#<$5Z[
M].D&P4"%J_>$6(=>S6632(?&1$O.=WM]N'D]\ MF=T\D$34]$@;_(WR[G93RRB>C3;UX"<0+CQAUNTS7]0]!;_RX\DRG6! Yl.2 MR(0*]0M0W)=,,0=6C#2[F97-
TBT1M6+81D((T*4ZVAL!/Q9S1T3$C(9J!/PY MB=-TDL0SC6 GK1"V.<^.,8E^>^PG5]X,T?S\^8&O'(#\YQH1;*N> '9-&W=%G MP%L&'-L\3SE]QJ:(,!8I#,OFZA8@K1BV(<^,>W-A_]" SM4="4.>
I1M1Q,O N7&A:X9?^[42!!4'MN:9\N>'2[H-+,4LY@(\8UTMN0HM3V>6WC@U;(.] 3+G5CL!!3Z M-%PF/U+H]]D-&>30\RQWG8U&QA=*#SUH&R'M@:S!S3E2T,HO9M7[O9I%)PN(K$
M.SG3/S.P&%DT\I(7<:O%TSCQS-.Q.%JOMAJF*Y2! M/HJ>_MEN,[T# O.^>S*MRQ%7WJZ-NI9$ ##WA=)=NH50T2B&GDK:.M[K4W*/1],JP\?
*R>W$2ZFO)D]1'#WMM!V)6J71QU&S=62@;.\'U2:,,,8\BR&O1LT78D=(@+)56K+ M'FCA#6A=$71&Z5[H.0'EILL.(/?(MUOYK[F1A63?_=C^SKE&[$;G,,W(,;W(M,,W(?E \3"]R3"]R3"]R&.E%]L@3?
YM (8U? .OZEB-A/G {MAXKST'OY_0\]B M)Q-SV'H9]S\T'$[IM=S$-6 -[?S'+ ^#YO%,=B-=WC# S^L+'+'#.7.7Z;H'T7E& MD;Q[ZCT# F2@%6
O.Y9^QG;X,,OC19P0.H ^*E&M^]4C'IG[Q6U@P$/PG3\43 M2:N4[9,X$7_(LH3>YQD_9DYC6U\,Y&9A+]&VO0C6!W?*Z5Z'9TK ,[_>H!7" M#OK;KD^?WD.< _C@JJL7?^E52B'=[0PXD
MCO5:1]DXTWU,HYP,MD K9EKO=-0UPK]?6,>H=,;4\''EW),V)M$>]P+]RZ1YD MW:JB_&Y/([X!*6_^C"([2,MZM\;QJ?D")#GA+K
MQJN7;0GLDX1SY$9H'!D%BOM_%I1V<0X*^^IP2N7B$GP5F>,,>4D@ M<@8:QJE[=MO?=>D.:)Z[,VV ?1$QF">\+ F*/W*ZPY <=T*.4 F,EC+3XWX=JD+/8-
CKR);BA,ZP[@1Y39[$7SI:SRKBZ$D' M>SE1M_!PE;WB,_F=OI8\>K[":?H[7O1.H>LA1TXG.GWV1LKHH$]W.?B4+ZH=$ MNYYN4R%ZFD+8\KD]9KLEL^A1?,(\)Q&]O>%6=-
J@YNKLVKHR^1S1K(<,IK(:.M]-2'O5\IU?!QE=7V#4@W6I7UH.<\[/^.R%%B.[M@_?X>3A& ^"4G>_A817=QX-MSB/<2-AMO+!L2,2W!TF;/Q"'>"E-O'1Q$<9/BE0FWT-3F;!J1J(>1^]8U]I9 MA.]*I-
#N7'A;)(HQ39DJU<2^QGY&'\7./^!YMPYU(.=%@4!#9OL7I.MB!CZ^CCP!=M'&T!^#[M=D88+5[URKM$=M9.,OJ7^%7=8,1*V((.@]+53$%LI ^=X$MV,(M8M2]?$K8Y M.HN?-
+S*RF([,N^03C54Z"RNWF.I^_(8SD^2\MB.R3MD4P_90&,A??Z2=,!K MFEV0/L@CKON7,.QSE! OI'^1X&=V^N;(WD1G[/#_R&!\U WY&06QO9]W.', M0=SKCL)08TJFY(P4_ZW@5'HF@'*P@NO
]L3>Z3;"9.EKT[46[R6/Z9[*N*$,* ML(ZOS5X&D\,VK>Y BXE7-4@'-C>L=!,,*F#&+!/@ =0(++@39>S;]#6Y8XS_ =;[!@!F^/N&)/8)"=(+!D/E MFN:,W.LV"CHA=&?Y+=AHIL V8N,4?
[672L$$MJ70W>('85"%CE,4EA>F_)9T M98V L2@51'>>'X1(#4,H7-Z2A_(XP1\RA0Y'O12ZJWQO+$+0'.@O=.>N]#/U TOMJIS=T 5 FT%PQF1^N]%UA@M]<'{LEZ
MKN/S&_>6KE':4[86B%H7]BUT:W#>F[&9J^YAP/5Q^D9WC V;9^5$[QGVR.VQ ML>5]+.]B_ FQ)7T>2>WK,/>1%Q _O_<\/SHA40XN:QR<3,B+3&]3 M.[>"K"!^B]\ZPV?JF1'
M76_KGN3*2RDN]B>+Y T?AD^2LJ,>=3AI. *'AU @YX4KY"ZC69PL"_+, ^1&@ M%4#[R/!96N!]Q!(=],W49901!FO&,UBR0Y+.Q[-1$,K.<.E7+*%N.FU*%4..'.T 42$ZK?
*L>QCSNS3SNMJ\92OGP"7KM)NT^\\SL15Ŝ12RQ5 M$^8TKCP,N_$B7G7@+QYJY!:-IO3_+1)&*0S&. @NM+<,9F/NC?IXI[CMK+]I M+TYJ6@ ZD4UET)XQF,5YZ)YAC^R
P>O_CZ/5HHSW_92/+,/ ^>MI;'>NN:(R2B<4A] M6)8JC0S.[GN%805:U<U/0)>2F.[^A?0I(_DDE"^.965=ZD+.DV 0>.R[K14'Q0U4>S5C3U@5FBM') MX9F>\YJW:X
\88A95((\R&'428Ŷ(50MB#,9W_3CZ^WC?'UZ8\,F9#&[NF5@@Y M0Z/5X-%+(8\7 #6]W[L.CP^%"6\5]"EU(.Z-H_^M%6I3XTB(CTIYL6R)6NO_MCC/2N(.DS2!3E<=*
<5MM#6!H*0601Y6>AE9N6]W6V&-)_2Q'26 ML)4R5ZPPWS.'RZHT4BB.^'CE<7'N,%IZL91_(\OUOHD!$7>Z5%.'*=?KILF+]76K2DCG42T MBVBQ4'<5$@/8X6U9+]{HA,;ZI-
IJR!#>MF+LG64OW:0OXM!&WLZ*!{$3[UG ME8'_N[9=A$N,"A&LQ(U%F^U,(HAM 24S2:!3",Z*733B)&:=L9((PC8@^2- M9=R%]H0DI>L#'}?RX2)]
<[@PV1$7'CV09%2(%ZLHTH'.2R(:S;DNHA6 HYU2 M BFDK]$>P)#1B& ?X@QT $/?3+ICCY1JC/DT\=B:Z 7&48]/A/RH M5@'2$4^N#189Y+$RI\B,Y?5$F15"?KA#D9A*Y.*.4[88X\O+K1X!()?S(FP
MU3F)E+X,[UN^&Y4.BIOE6ATX%[%J:P<_NVJ0;ITAC02$NZFDL'*WZNW!W(_MH!,!?MC70$<.N#>B:.O5C\AO;A]&(Z*!?]KHV$O
MQ?]"(>!\OOF]&=""WHHYN>4W,S.TXPNV:Y8]!>HQSV2]K6O,@5'2B4Y8K^ MF=. 9H#AP,NKBV. 1@V'6:.^'([W]CLSY5O*6#(GCZWG+*.X^E/2UL[5-K"@ MDWBY?/!H(B*DDU5.IYO951S-
KWC4:?'P)C3;K6A/R]M2_$VH*$SOG[L]F96 M1LMYX67$],W%P,!HMIIBH#CZ(}VC%K!@D[B-7FJ;)C$$?O1)Y66@H>L'24WH M3TG;4ML5K('V,YKF\.AA$ISDV76<_4:R<1 _I]RYV[%$;WE-
,Z6&GU5R"&=OP\E .,7Ŷ @#]GLOVY<^9:G@!>RGP77 M@v.Y}8!N880L.]!"R"_+0#;J6W[EUJ ,RX SOF(U K^/MLA^&,BEL'SN;Z V(M_M@CK>TYKQM0+<]T=2
'\LC9LXB.=4^'1i5)\|9+$XVGNDULZ7\N<+17B>TL M!(KXV!8Q}$G=U#7C3ZPFSKVJG7T5Y>,.[<\BSQ&I9(P5??=S1+I^-@[#BSAY M#\ 3^]'L6#'V6C]$OWI;.&//#E)77-W^^^9N^EBS9,QVTY? M/*
<0YJR_V0]DRPJQ%VHI[K]XM<4,WV6[-/XXR&O"VTDLWWK5Q1^33?BKM0-M9 0/3OV2KDODQ#/=4_I=HL9QISK0[IQH5+4XWUU/ 6G0 V\L@E M^U'CG2,KZP81\FZD
K_2 .I3R<@$%&=L/N/&D=B0/U,(%W*Q?:1%KDEE]40* M&*LWZRQ>LF7'9/AJ%7>,$%UG:P..R17.[('QHAW*!-*?R/*>)&I*)$71]VRZ M3B4)3I!JBK]S,YD(>0*+)"7B#W-
GL=C/)$M=DI0_>%M5/T1K!#7L(Z>&9*U$0'_Y9(1Q$)5I9 LE:^S,6MTAEA\YANNP>1Q5[+ MK&F" X+.7<4U?W;),(WFW%NK\,B_9 OCC$8T(R%WTR\LP$R?C>,X>*)AJ'%8 MW*K6O0MAZ0-$[,V-
(O,Z9#/SH9WR0?6*@#M[E\.[6>#B{/+T;N(,!,,E[\JZ M)23%5I9 LE.V=TQ0*GY0!$);"'3-+V97034+[]f19=4^IXS%]"4Q]Z"V&%N4&90 MT,7CT(N+IX*E)?%WDC8@ZU5>N#>?7DNJ'=+RF.OY-
U{MU)Y{'5:$EM0+JGR MM,F=YZ6L@%L.*E$Q927'L)A^J+CUGCZQ_7Y"O5!S'E44W[N %ZW:^&>><5>N^_MQ,D?E]$DB7VBLQ*HRF.OU5OP(M7<'6(NV $!9=,2/Q1!B&F4QU[7MR!&JKD[
MQ%P3R/PK2F&O]5N04-&R CU3H$B_?U5HKFRF.&,69UXH2F+'Q<+.[J7R=PY MHSNR*U]_V>7!..D2!^BE+6DZ6%]*_N&.+L)"K-LU0X?W0"MAHY=I6NAKA MJM-
M^+*J[OI1B@K[H[Z4&)9[Q9QDDU)LEP'=6K<$[12,OA:=0QIE2GD@)MH MM557 %=117DWJ(%TNI9OB5PA? =25:KIDY2]7_3>1#9U["V%_DJB>YU6FV1R M.965=8,E^[ZIX=##
[Q;C+*CS4<.65DWYJH.*XI,F8HR)@4VKKTE,:T?;@DWF%'W+RT?546V M7#,&AH/%3(W%]"F>+N(\];@^L0^^W)!'TDST9)R@N+UV%>#,8(S&]J- K-M2-
=>L*;CJJ2!5,D(]BG6GE>=ZN@CKC(AV%%D%,2^ M,[*QSZ&\NA#0%Y$1 P M]ML07?DVP,'72RQLRNXT/P]V(K0BLM>)&-N3QB(=-LS7IH_$V*[XY!S]"HY^ M!2L,SA(@V:.<[^VJ <^%P,R)W
MZZNUU"P=L1LJ/]+-?OVS.P3?8WGOU(K=-M4 3(H> ^T>Z +# _Z9N6@'W+H<+$!>M;AP_%9A^.S#CM_UF&P@Y?#SS]D25,!
MG_VVP9[\OLMGY85,Q7[> ^7/CG1YBQFIWOZ*8?4:7GFU/&28G23 M<:43F)^9[K,ESHX&T?0YH4F7"TPI,KT.@.DQ/]Z'C^^^0@M0&4 ,;/!DO_Q^
M1>9>>!YE5)DE@)5]%=J >4"F1<6[,A=0%Y]6;C98D7H)9)!EB+4PK,=X&/L% MMU+ ^',,W7GB1\VN\^&IBM,LJRN.=BEI8R.VQ6CU1 @=3[N3(\Y &])&N1>J M-
PJ*HOLW6:AUJ9BL$"GX0K.%R! _S\|+^C" #7.+3"%3)?@;$6W7TW%E4@UC MXW)&$^*SJG0[EV89O,ND+JBV>)&KC&ZL$0E229#R1XYA3OMJB7T*<#3IC4[,
M+7GP7H3!&:VB@#CBJF)44M@^0{+>9&0*U$0' _Y9(1Q$)

*+S>W;2"V[KTZ W[B 2#TJ<(.]@X^SB;\ MW[[K]P!D)DS5QU5GQXH'VP?45BM9.@'^1EQ.;K-FJUYMY=_W&_4NLW%T/#O M\A4E^@K9_IUO,)4(K(NW(G M-3OK7X/,OU2HB%2]LLPN4[2,8N,VA/*GC$3M/W6.ASGHOJ5<^@FJF4T219M.09FSYB>X}S*'(LSPN%0LI],Y1<(4!8T:IF8Z2PMS6ZJ}1/X MBE[B,!S/ KGS-AZ]KTKOJ?H75^G]UO\ 4$L#!!0 (.R!9EEA["\^C 0 M !$; * 97@S,BTQ+FAT;>U9,6_B.!#^CL1_F$/:52OQW1>[!8H40MA& MX@@+Z.K].!(?!OL';:TB1$@\'C\S\\S8HW0NW3 ^' MW6*AU"&*8U94,*).'7\TGEM@)XSG@+ZFU0}$%52,CF>!NS^4*5 1M+V,)WE58"LF3AJO5O.E-9R2ZF&0K4U.M-^Y#,9M3NU'I]M>}:R2 BXK>M+ MNV>[Q<+))L]IX7? @>Y8K&^\2?_UP$*/'36OBV@/;-%S;&14+S@#&$WMDVF-C M":U95ZY]E<+G &*6!,XM)"@@>.KR23*&"&G7 <:?\!5=5HUJS"U3&TQ-$[_MZF4PIF#TG;%K]0 >Q-RP3_5S#!NXEQ9,C4G/&%G3BG,]M&[,%T]T]S7FZ]K M[%^)5"Q8'5*.O0)DFQ<+GN"<>HH)#O=, ,+4 M*'Q)2(Q<"%')=3V001Q!)]1OTRL&R^1R+B,,4"OEEMPF*ZQ)HI=9"V;#@BQX 9T3@[\H\W,=\0? , MGTY.VYJ5!^6E PQLTP+2&P^G8,. W1YXM2O93>CXU^{!] L5GWS%<+<+5K_T(;9 MB+&J55R1AB22"""C -5T;J8X[>?D"=[&$>R3, :.9$5%JW9AVW _+NZ]7\(,9W M98)F.=O/HHM1\L4_W"=&P1\ZTG,'"4WEU%RS^3-Y+6#8\JM_>*L0_5>()^\>_MX>GOKPSQ/5%GGY,V<>MH94A&XBX[&I]G)^_]1&B?6'NKU@\QK6OQ3"@EEBWH MA<3{!@U$*$?(_$SA6V/NV-V:K&50S47"*Y>240ZN)*Q3L[L_\7VF._ :PM M23(XFBEE&,<,3W(1'N6L!SRT*W9'P0D"AMW@+PK]@O48U1&YP$8!)3,TZV:O M)TCL:R91R7QL\II+V N& V>DNKX>5,5TB-U]R#; .03}6Z4" T9#OP5C,J=M M5'",4.[BUOP{MT(R18,B510]>3!{-M2;KS;$O .8A#=(9&]KNJ-ZZ,Z=^3H'. M#5V3>VG'MS7MW,R! Y,I,T&*FGZEE,WD3'+]"_@%02P,$% @ {(%F67OO MH)}[! \!P H !E>#,R+3(N:'1M[5EM;^)&$/Z.Q\'^8(MTID3!O>6D/ M'"0#IK%$,0=.=?FXV&O8UMYU[/4E] =WUL9 +E';MFU4,(O^W,/C//L[.[M6+]V?IGTJQ7]VC1&> 3UT1W+F9AJO9D?\6ES^U@?V*.,6#BW$_JY@LNN]!N-I1<(%M($!OO>YB(DO){?], %GMIOQ$)%XQWH56#R1]D!H)V HO M8[9:RU!?]M3"HYI.0!90NWW6W.LK1&#YJC0$N# D> ^3***>WAR@V\HN'F9E MP&U^N,8&EE.MG'4.G?+!?X^PNY1+&K\R*$Y=ZRQ-30%O.1) M7]VX@G/J2B8XW#.Y!KFF\#DE,6HAV,"<1B*6('PP&!=H MRN)N [#M6,0A6M$^H]4XZQ3A(, (#RCWJX8B1I.&2QC"&&NZT.N= $O!9@,]V MPRRHF\9,,L1,N%>MF_NFO 5A:$(0Y8D"A-^55./2 1K&E $8BR<>+&D@[NO5BAIE MN<'I$&.X%,8HC9.4< E2', {2;=#R68K.$4]$RLYA\Z*14CPBSYPE\9)PFFCV MOT W8+A9=>7B%7HBNZ524 E%WVY@.(BMM+VTP!U[HHP"A39.W'&]"YE,0TQ M*R:*H3W?)~044//MG&)H/Q=,? J7LH[%6^I,7\Z. ^\IW94]2B4DMK,EEG%,22') MV,+L)@G#3% D@H)UPE1ZBV*:*(*S/$&"_-%BWF,D0/J3"!EAI3B,TZX]^ZC M08]EIE4FP59ID.M#8/[+QQ1^M:(Z81:+" \T2A7$YWEWC,'$A*$YF2QFQM"- M_GQ5.]6RZYDQ&A77+W;KGGERK9]V/O1@*6+,VYHK@H!$"0{JSFI9T:0[\Y7M4Z+X[I.T(TK*F!]].>P M<_ =. 2+/_-CH66GHXO6A_>BZ-]"/#MZA. <_OC'$XY).1#RA96V%%**$/M$ MK\UI_CW_]Z>;PIN)KOB.^S#?$KT3,&SLW3'3_@; M?> _TI5O]9M+,H5XRC&3AMLRF%"]-ZW^L2RK2-/#_P@67B,Y\!*68QPWU? MA!N_\6X+./L^P^KPNX*^PWH,ZV2X9M3/H3R1R^GS>FEF6^M^*31C4@6/NV6 MDDMU[Z^7%_1S7Y\6^2M,],;S M3U!+ P04 "_#L@6992446 @D)) 0 Z9@\ # &9OQ] M:W?;R+++V=_*:>\S9\^L)1+=$.!D_"Z,<4)B8P(X3O*%);0&Y B)2,(V_O5O MM\1%@(3N(&'/VK,GL4&JRU/55=75U1__W^M8(9Z!,LB:^N]_Z7?4?PF@BIHD M@__UOMU!J__Z_R[./(Q_^#'Y4-?X]'YGFY. +]^Y> 7EWOK]C*(\^ /%MB..P%@HR*IA'[H(EE]29/6W]_/1;YN* M>B%RP!N,+ 9U\]2]CW6X^&OY567W!^F')O_W+MHZ,K1XOV1\W%1V5#XQBZM(L. ^Q/+ M+[QZ99&-$,.P8^K]NWJXZ, {YU[%.^$OX#<8;O'\]5$8 M"L)D^>&!8/2MQ\Y_L?EA75. X?!IZS=K'Y=,O6#.)L!P)QS^^CWZ.?H.4Z!8 M!['>B-E5.?>,.POR7:Z\R=':,>/C#M0]5&W?7RT\)LJH9{T1M;'V$JK#4.,(T M($B79P3ZYZ,IFPJX_/C>_N_9QS$P!0)]NP#^3.7G?\]KFFH"U2QT(1/GA&C_M[=]S$[R:[RUS? ^_]=Y^Y,? *12(&QDHT@71 >8'HBF,P07Q*KU^(!K7UA]Z M%/'=>^Q5Q_JE9,\# ^(,*9)^/AEENHA!GM+QGH+QH/(_@Z/L+]$4'>;Q4H/ M0'Q!RN']FF.2O!?\T81AKV!H!@@Q)-HQY-]4UU'SY$ 45!^ OpO$Q]*U8(*> M_>O,#O5Z)U-O=]_^_3,.!TO7]$"NJQ)-_!G1N\;& ^*1)<SGP]_%.(13*\S$Gc1@}}B> MY;OM9QC6ST(\!L'SNC5_%+M%4*QG5WJMJ0YZG;A$_B3${^H][]/USUJG2[X M(_L1?4V:$88Y4\" YP-HJQ<$34U,HBN/(9U-\$*TM,&@DO8/2/@:71X@ER#) MSXNO2,(Q4839!:%]*D"_DU\OD'D#'?H,ZR^R) $5.1#'T_B!)L25+!NVSJ_ MM SJX.NUMR3U7L[Y7B_K.[\L%&@& ^NR4B"@ZB? TT//+,VQ*!/!. ES_^?QR M9<_>1SH\(EP49_;,ZN7E1%.QTSVD $\K/05T 3F'-AGZ]17#'7N!Y4M0<5 M,K(4"@(DZDJVY^%5@A7. ^"E16X$.E3@-8@/U+@.@9C4% &-&@F,%K"# &S MBQC6UOT6,>72X8CIS1_1:P,% E1[";HYNP/C/M"WZ*S0"=-)Y#?KFC2#KWP5E-M"]XA11?-@)[+"*.&&@$^&D5HU;^X-T=_=PK,*82FIHKAD473D4E;*6D\EDUD MN495E5"\!#,;F.'((86#8KC]4N(!<])+9.6#@8 *D/JF)KXV\),*%F@'^V' M B\9L+&-IPV>@3K=%/W*.9>@:]XA@DIL$80C((1GH2NQ >)'&QV=MDI\,S+, M^\&%EWXV!X_O DTCXDEN.JN:'"!!=TA=?ZZP2H!K@"*AC(9C1_PI1CVVP8 M>OQ56(ZLPHCR<0^%G13%-LR0$O)/4#DV@JRU;Z0!,'DSZG>F,+KW6H5YIX]8 M7SO=O03+Q9:6C6/?3TU42$7EX.2(*SK!,&S*9, [!]+X(NO1)UXRPBVT@;OC8L<@^6&D#4Y15(-4%785O,+R8B>V']L$, MS%RGXZFU5%I9!PRM)SH80:.6GX%MYE[\Q?9K*?*W36U*]Y!K;V2HHV?^X%C M5;766=G<2DN2L992[%K!/E@2IX:IC7LH9=-4ZX5=[0K8+_5B+%7+25I7 =U! M*5< C.X62LDLYAY\6L2D84SE5(TI#-D1#"9^?N)NTS ,;1?Q(-&G"HP,_H2@V M/B_;E,6N%9&2)EXA*?+6U:J2)*//"$1+D>6&6A,FLBDH5O2)MJTE)#,H,&OW MNXVV5P%W#+J(?Y9%8+/4'](V5*VKN29%6W;HZDK'H2FR+SAC7#H_@Q7+LRFI&6({@ M ^.7ZC+">T@76HGM0C/&=W0/7(GM@9O M]PFTZ&RU&Q,]PX)/IZ$(YB#D%? M>'/CJ C>/8X@:S$B];8;CD6K5'MB:-B9_A>+1TLW&&ZD(>JO1]RRM&;C@'Y3#4100HWU6,.):9JXJD'%LO)2K"FOBWJ*4PLD4GZGE*L*9.Q(_M**&.O@5]O#^):$.M.#413&3V#XP<(TJO#+P5X]0)$7083E1"I]036]?E@S MD!CC'] <,*L,HQ"4FO:0[_3W..07AJAC)/.H^60H/]F+\,V;[U%6P9:08?RMZ MGTQ%CNZ+\3>B$SU!$,? XI^NW@[C;=5ZOR$1>,*U# MH$&J.\[3L@_S&MO4!#!:^R? HJJ4Q&G"1ANDPD5WX@;GSS7.+3.1RX(%8B[" M,Y&=Q8'5%] 91N\|\.#!_T?TC&SMK#\+UHZ##% VTP96&8V'WLA|3APU_#\+N M94L^"@\17 6[EXVB. H)ZA/VLD4?AY'HQL^E&APUP8OUFU2" <"Z9EO"I(>J MF\;=3"]"DP4_NTA6>S$(;"HAN"ZD>Z0O$\[${'ZK4.0CAW'L -ZC1%)D1UC$ MXG<(}"WS@,99S!Q8HALFG^HBYJ'2J.C9=SU0*5B+>(/TLI M&\H YW2*L9UY-K@.& DE ',JG=.VQ? @CC](,5M<&]F2&=#)] 2U,@#4<2X-J@70[!6.(D-[CJ>]H8MQ7QVH<(>[)TT028#+G^M/& M(9-VSV6XEIRM@=7A9)[0]{*46(F@G3F&NQ!-\'"%CY^4\ ^F(F<1?+QP92 MY&^;VGBJ7[M(K;^*UIT']F24^\%W,/)%!>SHI8EI^%R\3J'4F8E@^M%WU/>K MGX#&'WTXQW[9B6[^Z,8/.%O''^!,4ED_BZFNGU%9B& ||<<_I*F+@"*;3[EY] M7":B&THQ(XUU,8UE/YO- <=CPK9#R\4 .\|5%#!*,//Q4@;84$/S],C'822Z M\>=TYSZNK\CGWG4+/!K+^_MQ[^A\|"<1O 6\2]>RH9R0_J=7+58Q8Z$#FB"2&\<$1__7J;4QO'Q\2.B C]F<M48C:7Y- !=!&6]/V.EH|@QNR/Q2HE,!$F/1PFTT.2-@[1)\H,&NHS=.N:/CO4 M89)WK,VH48\)E>+OJC^H.A 4^0U(G^!]@%:@>_4.)IS/<)5Y]CA5Z+LE6XI_MB+.E:R(DH%>Z1@P= WZD:\L+T5/PZR=NS:\8"#.TXMX/.D"5_=V:=H1R]R5Y M3=#D'1406?1UUZ+28WR4D\RNYC!,&/O A L^ M&49G)H!69SX*$)[2U6SSVY]M#QJ5L3*3'&,[0;+&7C2HE&,.O4&>3E!%@%2P M),5H(M=Z.7V3V))\`2.]!& M$\"(4>*2+4*=!$OK.}$7Z83H,U/%$[.S3 M](B:UEM'4^00?O-C$@IL.C TBL_CO>I1"%$#K]X24&/Z7*8)5A3^W0BR,CFQ M:]D0%Q,=.F:(@,8RIS;,4TP%P 0C(7_PXO:8(,&48 MS+?@[_6V/!R908?]SKFH=NKS[[N225.E)(H44"0F^LVC;(Y[UHOA,B0+?5GQ M.32T20Y-QY_H@GBXVMSXJR(9#(%5U)NM/M*R WJK3]:N##4 [{)VENT5M,N-MC-? N)^@1QBVV'6@K77F6LU4[I0<1AIK-T%D71*1/4XRHN*. 3CL4AIL&GP1P^;"H\"Y.7+H_GOCFJ'Y455,> K4M3&2I"\7Q%7HD M'T:,;],3PK,9OD9 ,1\ _HW"'<,9,,6S-?Y'K,? HI&,OP97PL@M8${Y&>$I2;8 M#9W >TV0O/@C+ .3YU\6WB8OMK+G407]2[P!WOT@[G=,MG1-FHK0]UQ#R"B:.M?0W%NCFMNH0@+_]IHQP\2NK C+BWA6;("/)W,)*(RR -F>@/W205'|%06+ MT&>+M.BM#_%)\]EWAL0%":K>O^I&LB0!%?X5D6IUQ@%5!(;U>T562\U\8X@B, M!?@*(X7[/V9/M5AC;5 MYV^""T)DRQ=S;BUN=G!K?V?Y+2@O&+XO?KC\L2RA7PQDH!,6$Y"ND6E.+MZ_M?WEY>6< |=U0>WY?:WP]OZ0HBJ9HKL2S']]O?CGYLO=N,YN .V(E!ELD&',T M-B@UN%QQLGC.ZG>,WP(0"]OO((Y7[Y.,$3&LOKY_#<2I.1UHLBB//NXICH[M2*$DT=?G>W)VY]2K,)Q?SGN3 @C)G+K20Y*W[N2>F)@EN]7&JNFI.T3(D<, MI0#L8R!90%]&EC0BL^/HY=5M(-O7]YH7SY__ILDA9.S57!.&O(25XX]Z@__ME*9TYZXV6W;[SOX=\0$, ^L ^>]6^]DJG< MN.? -6*64G5C%]YR34 ^&R$83+[D&X])$(-W24G;IPPVSOX<7AD!E:#KP>QDX6 ML9-)IQYF QYC!U>&=@8$&#M9Q$ZVXIU5^6.M8<]UTD*.,,L0]O];*@)3E/1 MYNHZ3- S8/ES5@T^UZK&I\N/<=MBM[X/N-1Q"V0$FE1ROUC?W+C=9/W;E!YM2 M=KSZ7PU4W<'_J8# 8VC,\6O?G%347OP:./'CX3 LCAR<.2G<+Q/X6P>?L,1 MT:&C9',?*LU'_WBT=1_W9B_KW M#@(<]6.H/S=1_[[D M28FSKL,'TIF<1.D-&9QU8,!$N&8+9UV'$L;E4ZV<A4'O0

MHQ)ON3$65S'EM>^O5$V&^UWA^N4G$=2PBYK/] M/__1KE1@,K_^R,&(\)F6$82,X%$N&[2$WFC>K,=1+>M-1HH$NX9];"3NMX$ M4^] MAO4<0E@^:!NK7"0BYA@=@A_?OS_53YWV.!P1(52_248(C 9M;EM7>11\!B+2 M'9=!BQCN1!;!'07_W (-E,<#[3/_>M/{KU>V3+RYD MZQG;P"R'??<&2BW"F(=POG_S:\H>T[+[_%9/!-MM_,W=__S"?/" 1-M(#FAP[]^<=-,!\S>!L.:5=$>'>'U0?4?/20+?_A!EQ0Y+H3L*@~Z NU/(4@EF M\&6W]WYRY9P5@G$!G1_U@SIL.5^N=*4W=CQ2A^*NUZ[$;5OO)N6Z]2?KMfV M?X[/WQTB9O?@/#AH T_93ZD4+AP,/=W4D%.;_ ^58MVELNT$+*,67^3 @ MV,;>(2M?[/O]pX)?>$L^;M,+>QXOSD[LS= _=5]3:T_V7[UWP^R#8!2UN_N]I#@,L0CH7&&@a05<+(,+Y <6]kK<1/\V[>Y:,;BLQ<[:84 M,?MK&6[P#,FR;@V_76Y\^"6;%V,-D0<% _WL2+Y\=RA1N8<=T1<[D@ 0O!:S M@:.]23)ZK]"T!%E]I#5A(IN"LNF_/ZM,?]#Z]_+]2;.39$4,,8'4%&25$&UZ M#KIP>\@HA.^,/^:YU$G(PP[&NB)5E.YYX=YZY?&YB" MK *I+N@]#.F JBA.QU/K2.TU&,BB;&Z:T\N/4R3]*1QLC^L\/FG+4.!X_6(16X1D]T. *]>,JABI]8W"K&>B2 MK_M!5WBU#1 %]BLC?/]A*C)5>YO5*GL_ ^,4T1\V>ZM7) *% V@LF.OD-/L 7 M+DA/, X?:\X_YO"<@ ^,0^HTN'\HA]/=/&# _C%((!\L,$Z;N M'.Z-ZRW-1C" T6?S X#8$X&A=[_<'7'S4*HR=0-!D=E4.G LO[NZNZ[GY< MU?72FIYL3UM<.IC^L")..;7UMA9ED'+DX&?M(C%EXR];Z#XESY=9^:DNA).) M/!X47T.V:\VY^YW(]=1)75#VWD1ES\NSLX^3Q?/0T3?[U)O?(;FQH]E^'AJ M_6TBS&: OM%G&.OPW8+R^2[K).OT?IO0.P"<"2+*_@1UAC.$[3$XIH;.(Z$Q MUQ(QD%5!%64K[()1M768]!W4]V5RG*:LA;./_U,H$##9B'P+"YE& M=:,9J2 ^R*JN:09[!E!MZBWZ"WF(7[6A=$WH4Q9TO7@D3[6%5SSK+'TAVG^] MGP#=*!49Q/YX38BGOQ]482K!@KG]P=U3CU>TY\XFUB@-MB(L$BZ6JO5HFNV]S7Y< M#47QH5W]C&9(3,>0^IGU$>B3%Y D"L02]!0G4!UZ/]^0&@.E5M7ADD\2GX'R M#_!* OD25*.P9RI8$G6^.;YD8]2!>\KG,:0DO&H#EQ4@]4@W_YXS*Y%S%;IG M]>*4$+K7D(XF&39I6GN62Y(?*MS/U\^BGL3[+L<4FV:B.57L?L[63ZI6]^&HWK',9L1,E>VTBEUS$K7M'/P]#\ M<_QEQ+G$U979XOMZKF@<0^-Z"X MGLVKN$EB<<_R9E*8PN49%//TZ>7SN-.Y6IYC6) 1^EYENE)TO5?9I0(1RHUO MT25=2^.REW)3HZ?TM^??S!.3?OMAR\^M(7O=Z-K8VO>B2@6*MO\4Z@*7Z+<> M.C3),&X.8[.PX4.)P8Q9.0 MDW%#IF/12(+KR<;B$=D:42=7V?^8&@9"1H# V1[.U+S:HBJ11\DS%%D*&\ (?*%;]8"Z7GMSL27)O;"S2O:TI'!3SGBP4X+=V6.%AE;=V?N!WBE.T>4\<*;=*_?Y4C MC^ E>!HZ%F>LMK5OC4TS%=/<@E>4 M2):+?)DV]/@e0.I1K"1EI_&.7AV_2_8RD4?.$*RM.7@..Q.$%:.^$2H7^3AHA:1+_M,/..<@4.!M;Q /?CZL!DZUR-N3Q7(S1N:VKW M,Z_(9<6K H_&,X8QU055 M!/8XK Y094WOP%_K0*I[JA6K]!4H*A/< <%/ZZ;.X*L6]>DSQN&E]&.$A3? M&L+_=^:NT$.A D8^D'0$/%2^?/!5L/B' [$$@#"QD "A0A$0XID."$D!E * MQ#,2PPF;5K5Q=WT1#T11PBD^1.>$U\@.OD*R*1 (.F6GFQ8R?.(N/D3S@U<1 MF]?("H[QL2>OL2N4XT.T(/S>.[@&=9_H[=3.*A0L M(D5E\=L+Z(%*)9&A<[8I 6C;@;1D\G\0-# N.^]D?M7]E-K FH++CT3)A<>RS98F[.Q+N MSMB)LBA11BE^[8>KD,?2<X:.E8I2%]ZQ)@\6QXQ<2?(:F2%)%?,SAY/'E&[>5 M(A^FH3FR6,23!4X>8CXUK5+T,V8YDD]TD74F1HN2"?CX]#+W(G1=.UOSYZG> M2)*^C=_J4(DM\NF/>_M3B)!3E3O2@%> O=X4'!)EY_((#>$[%WG\ K@>LV2{JBR2*%=9\MW2M%1(&/ M>+ <-]\6':=URM*(OSKL@FOPC;(ZA7*ZZY[\'00*076[KBN_]/^:NH"#')E M5=!G#1..#2A@)$A=LT8 +3KD[%O_FHW:M^[3+8RE''4E\;X^]<_W$"AO.R= M#0&F?<.?WV)\7M\C3,0Z_]:+% $3)?0]QR_DL21?]9!LHG/VL"(. G9\PK=R M FU>9*54),L<;N8Y-NSXAH#E^(U@;*H[52'11(28_AD 3X^460Y2]!8"[D= MDDIY-(RN.)+,BB.AW:.A!150 ;KY&1UCM / M]>;9UX$ 5jLIY3AD30M70'M#00#U V61/"'B]8!.QK*Q20Z&O!&1*9TFDAK&-9IIG1:PCH],ITFTDV6U!X= MZ]RC ^;FQ+ME2/&'ZY[_U#^:SJRZ3L3K2MBR8=\6)H[R4G)#G#PZ+,>MKA*1_M^PI(!^O_#83H)-X7L-[K1$R4HE(EFT4E5\6GW"*&P14.7#Y5ITHVJTX87+D MEV]9JI+1LA3&5R[PY5.WJF2S;A467(Z@.VXA*KMCR# QN2 F#A8/FL0Z!# M%S(>0S=CC 0=%/[*(8OVK=NR.C6!A%UYW.Q]=2 5ZV9$3UP5=A=(O6D#O(.E2 M(<(W3)O7Y>N<<>V6G _ZZ7F@=.$\S@\KRDG1+/1(%PM(C?!X4P3#L MUT]&JME[8-LCZ=-W\]=CD6K4J_$W+KH+]]>G{5&2^_V[<-*F?/I[*__'I5/\] M-^PS/X===]DH1QS>4\%B9BK.]IOVO.)(>VO/XC-]?OU5[VSQ6=_!X;4/*F\O' M'T^_N]_2EQ=T!B(EW..[H-/GV7959V1$M>@C:B YHW' MVR*##\[6LTIM!.) MZ*"]= & (IMZQK$M9TKX7(7CFGWX0CIP(Z07;H(UG81C5KI07O@O[<; M;+8=(1O"$6YQ>75UW.1-5K_\$(.QF4='Z%=DJ631$>XFFJ6"5H8",<(2=H1'.M[@BO0T2$']'IL]"Q^^28_RF8-E++M"'^.;?;'-R#1Z#N?P\,L/=U6L8*&?1%?H1D6 H2[^K%/K'"%5 M'A,3%6)R5Y5[!A9(!4$2*@#!?-XBI 21"5I%WGTRM*0#]2=:O0_3>[.FI MO]!8U598I8.59U:AA_!X]60>HY$ M?Z@\>{M^FB;94H5DF"OFDDDW26 O.7FB2FOOO56; ZU24U]MF:6'W\?AK;D$ MO/66E'Y.D6_SS=M.^>CL 9UO.)K3>D\!9#D(7FI(;>,804[ZXB;.M -2H(M]A@NO='##OTH,26>;+9.7U D/LL(-28<>OA6SM<8"1\OFY_D5^>^&/ MPV"SB437&U+2&)EY*TF3]WL%.^(Q&TE,O%K"7]+KG23'RPY@=.WP0*GH=OXL M2\YZ4<1 ;PK025V>G[5&2^_Vf<-*F?/I[*__'I5/\] M-@JF-H$\(K3/?[#X F_19F$;,]TH)/'X@763)'B&/]+S<1>& ^$0?K<#-%C]\W6 MSMKKX&<=4ES([P/1G4W@^ZNZT)?%#T03.DE;QDT-B9-S?NG]XEOH-ROC7UC^ MQ_=0["X*T(`PNV#/>;,R +@:ISRETWD7HMC26:%UBT&G!D[47.LE$Y%M8B 2\ MDW8[_=001>A(^GER).OP3NA15/%)27K_LK9PF&>=I9M$MTG7H'/5 MP0C^2GX&.!#JW2>2.Y_[EWP^],5D&+W\DRSM;=M!._^Z"-=9F-+0-M[>Y4Y MY?;E^^7U%<,)QG0,2GN'9X>;,%]I-QVV J?VT-MN:1YKJ9N*$=/#$MPI#*Z%:@^@ _]7T6XK+&WLXWOB>GZFP]9W[(MV/-M!IZU?H5U5N^Y9=6MVZ]EC:.E_B4V]L/KS2-G/F)K%TTX5^4(Y\ M>T4S\MSTONU[A3Z]+VQ4<([MO]<.:*K;S/YK?GLO-3B65X7OST)3C_MIU M3<,FNN:?8O[:K~&R"'"M=[!UUEF49)/_EnK6+1\G@ZEHE_V45Z<70{)-.U8BF/ MTO;I/&'B7 _2?#[;\4O;?^,XZ-9W(@/+CE_@/E\ _/S9EL$G> 61MNL25-N\ M8WRM)K*20%=XK?8-$[V_)U_UWFY:5]9;?X4;"&Y&?\-I-N7@(MK=9[T6[T MN [\(H-'6C QN2#&U1X] >SA1M,!?&9M]NM %6==75 -VRZK[F3]31&LOTE/ M4\ $U4;H3.X'T(!:FF[]PC1UN3^UBIY=S>M2+XIN]B2Y-S8I#.*+A?Y2GM>N6IOZAO(^.$L.0*. O:K8W&_%*$$/ M%W]([.TL6>99DV?#^* @\]HI-6H4]0PLE6?A,Z25)\$C^5)X1X 5&-0*=P<1')=$ M[9$N0TV6PX>96(M!#7'G,A^TEWU70;/"ETF^[+\[$G6D$>Y/(^X,])2UL+/-MO(C;S%-L,R_B-O.DVH 7=.>L> D@W>:.+'G%^U2.>)$[>W>8=4Q_ CS0%6J_Q-M?_\[,W3I U'_,Y7-6>[4=]/I9^8(*9/CR&!@D-KZG=K0S-E/KK3]$L!&V MV_ZZ#/[Y^:,>$@\KRDJ+1'V1QE$Z;=W@OZ_<[CGH>,^LEPL MK:ZES9^O2+K?<.?K[>.K> ^:P4$)*-#IT$"Q M6>.+UE#^ >Y7^Y8Q&C]K*2H(HQRC/"K*ZT%1+DX-2,,:R+O:%6@8QA1("[AK MOUF5H^YFXBMVZDEKB@OMCZJ0)E1W%)26($L_M29.9%_0%LI2ZX.?C\^?]9M? M\8Z8[61S_LZ3TQ8?6EMM8JR"]J3%L/^%FKZQ/T<4\P2$2HI]N@8#691/SZBN MPAN5*$['4P5^5O+]85AHKOSGX>T[?!O=_1+2T]RMM5E^8FKC>V^E'U=_KMZZ ME3LEWDG+G80MBE7[%6_X$VO>).5#N2F](<E)VH694S"5%*5I1W]8E F+DBB@ M/<$^(&0KG#X%R:Y2N60*C]M@ET#1,D)%6L10C2'$5W6#QQ1(?89_]6@L/L4C# MB[2KP? 31;2"7HLIQ91B2C&EF*3HJ3M\#[+NMXU#1P"]L;]+UZ M]^1.[PW.;]4I7[NI[T]I#LYDK'-/N_B\$A0!'6823.++5 7+TQ >.89C&EY4 MK-T_R7TN7(0P;WEA5KGD%/ 6E5A0^FX;"]I2XM;'6 M7;.D_$*M\PT1; XW7.LKS4,&:[\L&$ LR*^%D2Q) #X BH&17_NZ0K%XOEE M82FJ72L3!$90LK_[J8M3<%SI5.6O)^)TOLQ49?>,F;2?!.+M=&D]2J?>X\ M_NYS@5O5N!_8XPKX N1[_JW>%C?KA^"\+\;R++I%LN4S0)<6[[K.3@6\3F,W M(+.BA"00P44?FL,29==1*>>&!+]#'5D_5D5]WV]VC^O7SM3ZF<.+ Q-YJNW M@ZT-UQ;O.F2F1&$H9]ZIA04%%Y+ZW\;0)8R&$<&3M/ ZSX24B#_OCBR1'' M2>\]&8KC2+:."I@OO(1[Z!^.B 9<1 M]+#/!E02&, A8IE 6A7&2X95E0^DA1CAN3 ZFR!+_D$S);?IF^FN&[ZU-EE3L MZ.EZ]D/_V *ZK$C6F+ V,$Q=%LUY[;+Z(NC2)QW=[O36:+P!_9-XSZ'D.71A M.O#M&3O9151:16EM # ^."3EJ8&F$ $Z8VQ#,D'4A$N_.PV4L0%_%)KN-A 5X(M\)RH.-59+D&KK3SM6VT]&E&NB@ ^LO[G;*,"WO:=69[T7OO'/5X]?ZWVPKH MM.NMJD4*R75N1.2A;1RTL\2'+&CP99)B L<91P/I?>]:Q^AZ;U\SO MY<+#%K:/!P&+>B5@N;]DZ19T /$'+G M$,.B@H^@&&=#[W _O/AMQ70 <)\.F#(S>\'W- MRH^? PF^F4TSG4LV0$EA1;(6M0)4U'2X'T@M0-^Z2!>L&!F(BS*Q9SM0%#-;8 M%,.E DV>L8C+=O%LM,2>CKOS.'I/NA+%/61*S_ MD FMKSR3K>]48^;S19XLL0O.8]+..:<.BU*(#&8CI26+?. FA%/' UZ;8Z[_M.*O+C\L)44 I\9':)E$7%(T=4-*&MH]$]41$6<;BS+K/VO!&D9NX.8HAN7+@ MTTHIU7]N M9ZK$;$WMNS*GT3K_GV1)0RT5WES,R0'F#69]*+LA191+=D$<)0 M!U8&>406@ (#>$ZV?))%FTKOHHUMZ.D59EJ?KK@9]=8P/J_W58'@MGS(SHPE MG63SZ4]\.DN1++%(4"1^$X]JT(X@4E% ^.7$P]%K'2\:*XMT435UA'A.C#R6* M8PE1.BF'*)EX)\RDZFU.L>FDC*LFB8D25TT2$V7E4$TG.X[\I"HJ30W3NMNZ MJWGX.2O\0L0&%#V 1.$ 7VH#6\"8L@FZ #]&>8 MH]M U$;JM93+'?:>WN@ MK7K\\VX).2A;X4BYF"O0U*@Y,L'!$*=O4<S6(K)U2UP! [#.0%##$,I70A MA4(>.6I#$3 C]}+02N1>]ZY$D:5*X.$\V@?+@H+:.[#61M$:P:QL.*_K6 M_KX=EFM&[9RNT 2F/3CHUAJ2PG[I/@'C\Y?[.91C&=T!04#+'#0(S!$,,02Q=BN%*7F"AQ1_?<#8L(^AU%EFQ# A ^T{BG1Y#4=\/@=*L^ANH\";[1BT&+3N!3LZ1"D[BQ!TO=Z]%N%Z M]WKO3=-G@.4_75-/;'(-(IM\, ^^*OK;AN-Z] R.FY3G\ [GBAIZ[.F@IF\"T M;5\!B= _6MM]VL]U7O@G[Z6NT_]S956%'OO90TIEB3#%,: H=@5#NGZ_*PB MSNMJLPJD/;O0L4*# PR2OMQ&2YS/3CFY7NG^2KMI!W MK]KKX.9A;Z4=QU\AX=CHEWX5PE^,P*.!*Y]!)AP45'/NE!.@ZZ&52%/_(/ M_53D4>D\R3 L62]S&&%9!EAB.\"(KQE@HX.1.XOY.HD552F2++7G>-'KG>. MKSWA*^(F#1/BFE>ON^LXCH1!,L9;1O&6)-PVP!/Y)DP:71;-D Q=//A:Z-AC M",TKXMVG?&*=]X$?=HK'$K!PL'"P<+!PL'"P<+!PL'"P<)+)KABI:>S3LF]%2EU_'5R*^L_F?C-4(:G;Y,5;#H=&*S]/C5UMCU[IVQC]O8DVI4 MHA\>:,.73\5GPWQ=]J8F'W,39Y[VKW*CND)L43&Q_C<3%/>L;CTK)CFE^O M6[\F8VTR3-YR$M@K9@L4'Z)@HMWCPY'4L4R660";.[CD$(N67025<*0ZF5#_M%)W:]HCB^7 M<.S+:,NIYR#;.$E)@5M,F:R4BV29^A_G MQ*UL*SGBWCL;.PXOABN27#$M%SX2I2>]\PT-AA@(MC$'C"+1W'24LN\>[ZQ.Y MI&F:.,28+5-J1O*ZCYFX,Y$^QR[@0;.2@!%.U(((SZ^3U& MCCD'0E":..LHMOX.(LN@ _)`D1:E/![3N>(HASID+"+E?!EPI?K)HZW*/(24V*BQ)<)'X.,VW!8D4?,[.UAA,U.6'S\)?IE,IY\%_=S M>Y,/1_A>X=-Q P$]*G]"!PLPQ X#,7RO.(98RA##!;O$1(F+4WX/BWT]]G>> M'Z3-F4^@S9FLE(HP=.,/L^'U,(;#FY7V;S(@;EA'_7N'}6L;A[A5N?9.E1^I. M?/S"[;<,BR\3[C$@?(7CD2HB**!+O/.G.ZP$65$$4&-J(O0$)C<[K-1940 M!4B7(R<;7]WARX3SI%F7#F=.=3[CGQ:P[6H*8'98OA9B"X5$C*97),AQV M\HTHZ TZ1!X#.[O W8!A_"+VH6'H.D>S'$&&.9KWW=M>><+#MXT&M2-*(/J9ISW1#3)P]\OG-.83L44FTW]-N7N7LKR_<)E2+!p""8R>+]P"=\O MG%#+\)GTFY3+R[.SCO/GMR\{FH-"[\IG8!!-\$*TM;&@DO8/2*(#=`GP@1@+ M^E"&)%!N[O\(8UF97?@]PT$K>N46L9.XM*U\2X29%_0&"=+[4;[L`FB&B@ MDZ#.H+.H(53/A,TP-80K&V&C@NX\V8P53FT#F M$.SG/UA\@;?$;P$8UM.HX05&F^WYTS+O[^4(6D),/ _) ,+3,03@&HCSY@AZYPR Q,/]'NW? +O8 MT_XK\3-E5[O/E'5FKU^^:?'8,#\.?4^3S47 _16A]?YROV'CBK^ MAXZ25D2&D,+5$KT/P?N/7#MPP2N9:'$)NIRGO[70*[.^5OE>[V M9@HL':]TM3'Z]P\7RJ117+@)ODCAF\;?B.9(Q-A$,%O1S5V3COSLLE M4N!#A4>.!#]'5DW5D04ZQ_ZE4?Q;_B)\F7[RGRB4$8]F\]7;P=:&;PMZ*LC= MM=$\0(L=FS9=VPA@<%5(A\7HTD^^(@8C(B#++W4ASM-70DS!7 <%%]!%8I$L_M4WCI2P4929U37H=&D'/PE? @C*=D262[S)%T,/ 75^YR$69*+3B@9094V`_X%$ K01L*3;.AL.3(29=4#+.B%N':0P7.ZD MQ+6+!)%?!L&: .Q2-59LM4OI#.8]&E!XU5W>G8"?_EXAM>IL=:@)K?"_2/] MM*QE)&+)6Y60%)>R/TG;.'&2C:GK'.A9IR6.3C%4M8DB1)<$L'3H&.QE3V MB90@VRP^RP*!"!+8,]0!%ENC X>RI P(OSS&79__1Y2:PR M0M(T15.'TH8=/#Z"FII _>P@693!1TOX759Z* -CM4QMY;C+]82CMB M2.X1 U97(DKVK D8,]4S@ ES0>(9<@&3OG;G8?.P29[_L>+.3TO+N?L*C]X MFWZ*379]\)Y7Z,W4[695Q MKU(0LUGI)*.@IGXA5HH.;(2O#AR$<# .;T''7N"\ M QVY+,.1%$.=' X\,N4Z@ L,U)[W2Q6^_'A66XW*2?G"L"U^3- >G6*%. MSQ!RQV#*8H*.O"E?P6!(KO,FY>4Q1 61#E%!]&C-06MF6NC8[,,),S ")U^X M@IB4*!E<04Q,E/ZG[U(]R/$]L @++5[>I&UW-P\NU@=6?V!)T<, 9%#,3 MZ"C@G*"OVL0>F_W#TUQ]E5LO/R0#]:_2>6E"!]B:EA]5 8!))@0?.1H0T7 MYF):(=((O1+&6)###$,L70AAB/8LF&N(+5,[']D#E_# MBA-+7[-C]O'"GX@H&2S* [']LP[S85-L0IYX-[)]>LV#F2*8@X'P5=%U33KCSV-MWGY_*_T"G_XP>@MDH45E3ITOQX.%D%6D5A78R'F1S5'08PI'9$$XS(SI$^H MBP5#[# 0XS'$,,32A1@N^? F*,:^CH*,6D,/)Y#9HLEGF\!9^P:,>$Z5%*B MY/!..X,\E'?BRT4^G[%G#^2;]-8#GLUH@A?K-T;OC6F4Y7K]]Y7X5CG8+]^S M.1$/T#@MHP_]/G3\9__G[TW;4Y;61>%O _K=`\//OF]2)7LC,6>MDR]A^) MQWA(\H42] '90B(;,,02_OI;HU(,1@<6V1]*IO(4/F2BWRE&JL M+29W:DS&T_O&7%?]4C_^*&=?3_S$C,2TO6F75N1(!79([+@C4M+_6GIUO8.MK064"+776Q0U.X+YVT2'^7)RS=B0NMN#N#%E] <-A029B5Q2O?2U$6]0-T0US MFB4<484U-&7XJ+-J^U#8AXQ1OP\HLQ&@:P/E-F+^D1,$A0YR(E?S6.?)6VH M:0-$G]%;_0 'J:\S#.7TL%$;-R^2FRV".AR.:N#?DX@#W-MXJG^S?F VN]9FUQQ3[7(F.Z0F;>,@HA$@C/>-#:C>'(!DD'%X?94*F4 MN&\AIPQ.^58.8!KZ-H+.DR\P5;.'A_#[$QM=':\/=5$L2&\6T])MRVPPGKD M7Y,251&GZ18RN;$TD>!?EH[_"%HL-=\$"%DBN%]O+,T5SIAQ*0I)K-TOS'' MB]!#PVE>?M0D.MX24G2]YE],@.Q)5K;I16]+U<G'0&$Z8]#_&VB0;2\7#.6 MI/>Y5#/+)O.MVQ&MF<]E=QG,$IZ64FI=/@U4N5\)YN1=-V%EKI;U@3)SM>P< MCP[QG]0.%N ^E>][>UC\/5K]\I-M6F >F7=Z# =^E O#TBP*TLYTW)LTZT^_MA>O7]3-73GE]MCN34\C^(.Z.KU1#%#>%6O(F4A3=_/ IV<,^(FPT>;8;!^(-M0C)% <34F7/Z+?# 9BKT/BHD9BF4HMED4R\S=U53)L:6CS9F\Y=0FKU#BB^7. MQ:9NVLHLWK6!,K.X=Y)-A1A0;JMWVPPHTN@]7=+H)>&IKF0B&2*&2#.E>.@6 M_:$54[%0&ODO2@]1U\ (MZND#C:G"O_R=]=\%W^H _\,KY2'T?]GF-+ JD)\(T=&RV M?YW>78OCOY22+L2%\>XX%6_L.Z%[IBBNR%'_H]DB&@]#XI5.Q3+]&RS*#9Y M/=.8%RFKFG%]TV06@P$=<$D[AE.@^KJ,PXJ? +58YO%;M9!<'V$DR4O;9]P M0I2OQ R!G:",A=7><3,P $*GNH'P9QNV82"M-[DS)&RJD[W6.9G\2R66NV?S M'R$.'70CO76FQX.K,7[ZNKS_KFXN&OL/Y9DF\U0)?ZR@D5%'4&D&_CG.3N M/ ,XRR^_F$"ZNB$CPUWR2,6GAX4Y4U<5^1]NG02TS+=6T2,CX+3>@V07D5)H M+$Z9RNXN(Z*_\R(2$']B9+GL[C(B^CLO(C$1+78$9W>WJW>WV,..W=VNWMUB MUV5V=UN^NP5^B@T9Y'AZE[L=\?#*/==08ALOA,JY!88DMI3GK3@?P@I*^_>UMUH[P^M30>%*\U$_GW#)_2\47G3;._1A9PSAM#?P*AQ-[C%K:6JM.3(D"R]=QX:H MBV(IR*OW30OLTHYU)F62YY[RZ>1_UI:4N3!PA_[Q/^WC?T$>?ND/.V^_6! M3^0]Q^S=?.\1KH7%#T8MN$.;B42'D]@!$PIFMB/ING%$=#^.]?_C=F=.LUB _ MJAZ5\L_K;^O\(#%LEXIH5]*6P=*,/9(W;"\)X>/.:6^)]H0@P^)40N_3\Q:PKE M_T1ZFU;N.5ND?2PLG?X\ZU@2ER@9C.MDD>?%?(T7BE'-+**/&PF<+Q\!X/,; MAU3$) <:%I&CRNSRT%S;Q#O$=@8D6D]1'40 0=_K23#XO8#8OGTXO[G?:N?_MS0R8B2+]64#X#@A.,L;Y(!$?Y'N_MQAC^BL0:]]1'L:&*?DGQADQ*XFUV?C87YP=0.'U0G(!YR\L$7&>@6.IP%>* MY17A&$E]_IS_IQ.'N:.IN3!X-3!O'^FL$T5T4+_OGS\JM21:WP+/CZ^D#H=O M3'%VS+W"E@]DO&=STUB3,*^J4%AF.X,(SL]:?"\]0=*/"2?*T@:.++9_IA M'84G!,YBNGVJ'%\^&'.;T]ZVO4OIF&X9# M')7"R4B'P1X^&00)3'(V_!]R.+A+YW0D!L^-V/F@)6$?GY![@2.^"O]6FU?'M7U>[FI04OT3U:UP65+[*%PJK:D,?!. +N$-O]8:Y8CDN>VAE-N%W%=]K!\O M3Y%)BD:*'@MF]+@9R@OFC" (C&8$HU=[E288#WH(R2:@O2^]lQAUK4#Q^TVEV]E>]E3E\O6U M.9]NWO!F^Z2X$,Y8-,$\(([[^@^P^)7.Y)Q6:GN68W5')1(O2K3Z^8\?A_^ MM^D,#/^);Q'IFGHC89,[F@K.*OI)P:,.'\];884;(P@>&Y_DV1["W-M:,S\V*U^E$0-N&\)A;[<%Z]^M6K?SYO]=Y2]FKXQ*$H0)DN5T1NL#$G0?D

*ME#2;.CQ0%%.BU3N'6Y;&X2+.;3#VG]E19$8211%GU-BSN4>=7=?|%Z"R95HM# M.7IW>O5QM=2NN;L-9] MQFABB;DO{>(II7?0^TR7]+,J//^$ M:ND[UPA%/B^FZ4B0.'/^QA6D(#R=$A/01F V9D_ H0Y &Z.CNZN|fL;'N-4N% MZ9T# *$HZVV<\?'B*W-N,Z4D2YW]4ZOPI02*4Q836_.;%C&CU-;"6$MFA;XA-M|E5+%?I.*!NZ!6P4"]]|#WBX>Y>^A]LP5M/%\.?LE%QWXLS2^2AQ_%21WXA; M3LFH4@9A'U5\ZE-)]"D"GRMLK:TL.5"MB?|/NIA M%?/DK4=.E]QBC;*E .#@?Y >BE4/1/H6F):A]+ "^"7^H.W+P%[XGFUI/M6&C MQXHYUDU)/<,..XS?P/A&P"];C6165Z!K9I 9BM?6N?9T-KUOKD^.+2LCL+*BH M9QT&.`G6?5B;\(A!I\/2O[OCPBI&&UGSK 5(+&XHO[B_PMW'.!NK>C^+&(M+:.^>6E6N\/C%'$M+]*.2VO5@+L#3(479XM4&7@E]EAO=:. O]ICBWQ3M:=,#F M7U/UF4N3H06JIN)+;2=I)^2RDQ^0=[AW#D4+ZV([';7=F;;S-\-B_?;VN%3>N@;7B.,9X$?K MHH&BP7QT<,!-D&3LL;S>(!W$C&@6Q -HZ!] YM3128&O5J$!$YMKRE?=>^=KV-MA8J1%{I"F#6C(KE>[/M^^,&?*PF'^Q8?)S M.1B"RKYDO(LMMRRR+YH[/S-=*N5, ^2UC>Z2.)*1,\2SQ0JE,I?'RGK?8R?+) M&%AVJT&A%'6K*^2,%D#Y)+2\N\TYU]TGG>B.0BG;W0F2G-A,I \K^P2CV>*R2 MD<>2"@'XXZ;&L4>F('D+)UEJ_OC5L-11_]6RF>9KLT?O[\X;O)SY-KB#,_^I MS2Q$@*:;@L4\]YT92Y&M$]S.FLT@?J\^/%G_-(W$(UI(X%<*QGB/P-DXA6WZ M(PN+T,6D\X. (]2/*!;Y66%Z5_8N%>Y+[6N :$=);D]"G>/D]YHU+[7BFO[LL MZQK82UYMB9'A4A[]#]D%<5D.R8VY\\]W[^T= :AS!' M^+2!'OW$YHL]>CT^%C MCY+R BD"X,>_ZRKFG722]]30RT?"C^K(? DCCZ=Q4CR!'9W!A,#=3%T;]]@@D M\%>/4ET:[-M6&;J>WA44Y&O5!=/>E]50OCTGHSB9'+/@(0I>SIXN,H=-_]WK^>R;MBQP1X MTL*BFQ!K^BL()ODE#[.)O/0M$/EB4>#++*3(A/C8C3"HY^FN'6N'<'99"TrXQO]"0#4$81[]S]3F!%,. 0V5']MOG[!>M7 ?FS\OJ4F$CY668ASNX%&BRG@L@D7Q(ST%Y^0CQ/ M1?)+Y).F;WF\$LW_UX*S?LOE_ATfZ_7Q&2FI<72*!*05U^B5N\|5'DL,37_!<-M&OE*_O]N)!D#!2^?#WZMA\ L"^$FK'K0ET:*.OFZ:%WRK*E,$=T&7)]f>>6;.MB\7C/=AV&Z&'"<@- ?.M52L(51W:C*,/Y(=^C"0O"8O.'YIO-U+>NGEM/WWGYLN#X<.Mø(*#NM>X]2N!TAO$EM98R!!"E3@F8Y")P\=Y#=!2I,,cO(WO%) @T]?-9(#*3Q:&6^R1.0M%C8^%R[4^.M,O ?)'4\E ++/9Q<'K>NZ^Z*!$?-B88?P6MRM]?U]G Y]*XL8%>*,.\@>8S MLH+5:W3(M6P#.C]@CFEQ8V6,5/Q.)UJR_B^P!. +#!#C!]C*P>H?^QYW UTC-M)EC1-++#HQV TW4Q&?*<]O A1LLD[.>>=H8TOGD.?.3"A@Z>'WUM(113R!WU# M09JL3C@ F(D!^XH,&[^&T]>.W#7 QD*]H8,18S#AQ]fD@=+E^R.T-EG\DLGO$ MN:&$.6NHF#"!-\OCM%>]'5%X_\0&9+1H^6/_@(""@RFA08[AQBO]NH,JGL MP]0XVS<4CO0)9SZAY!0D1$*_^](@[HTD?)'H(K4Y*B@S%9H2R"K7)]^+0 M2]_3Y$0%S$/,3;3&A]4)U2DX(-,$^.?%W"PYR88]!*U 9.&&<'.MRHL,/FO\+0LSX<^GC;,VYHL2AA++&"GP ##RHQ,37=^B2R9Y0RT(/Q#;IS"$C;#2 5,#T,754! M[3D0CC<"+&=6D-,"3*RH&\)YJ;X_"K^)%%+>T0W@=LRB#N1<(DA9&3W1RY,(;%3O@9O=ED*Q:.^9[/MP.5& M9D -;]\U31?DF"AZSRH;NXFM575RN#O&)AL M1MB^\3%7>,5W7N!J#HR[.(+9H, ^"H]3ZHI"L, 4H,;?B[1E@3S'"'YO;R#\9 MX$LN!R$$.8H@$'7-T%OL:1Y&8])-<.1M)7 M JBFEKNQNOA5N%8?V[^X!C/GR68W?#=$.9\ A.^@08*E$00*V86.>]H$B@4B[5,PZP1SK&X/\!$Y*L\T M1X=_A'O&NN@BK,R"''0L07K^63%GZ@Y7$,>$@5X1K!?9(GW!V MZ-M^C6Z%GI8LYJQM3D9=736=%2#+-@+U/=N3[!2/[/33"-L?TM)FDWS17N07! M8;(<2?+BVE@ 69DK=L,;QK8?LXZ =;OBJ4M(ON$?"0Q=W7)(*TL9&PA|BP0 MZT!_6)ZKG.C0'RF/PO3MLP\)8U?2A!/*SD-CL-&0G).X8+RD!FGT7]4W8 1; M_) K G#%?('@BF=`BR8+PGE3L?[R;<"8XKT=3B1KH%A4W]33-]SOG3#*S3] M(],SI,Y5?E>G6YK= <39RD6P0]GO$$$S;@)C/-B<&>]! G2@5#V?G(-W)GY M;B@:5PE'XQ* Y., WX0"KE0=`B3-F]^MD,K'M.&3&W?5&3BQ6[^JA??DB0-N MA@V.&'GAG 8ZRQ$1SSN#<[LK&K0*0^VZ_Q-.`M!D\+]_7T09DGIHPZI@*9[=.+8"\41-"#UXZO0I_%ZC:D4T\(3*^1N"'^!*.MP4]84*^)1@)TB'1TU-MK3_GPJ]%/3D$HK>3TEY05%8@1>4XL@>V]6] (5'T*$';@!)P\\>H1V]>*.*; MYZ2^16ZZAY07@GN(N0HI \$1=GN") MA1Q33I(!$8!$(!B-U[15AR_F{EBF>_,+ 'WHQ5*/NV88B2WK8^K]!&2FSQANGA221!"@:9++PV?W M0H%1Z;.6I.!N\$.WMH^9 2WN;@T(ZG\X9UD74G,19G MDAG;&%.(C]M9K_$H_$+)H@>LRXQ.6D7_U.M$!GFM?.Z(5?W\6?\!*N)RN* ML\[*$Y QV-27F>.]OR-(>'6$RCP8DI07" V?U^.HT;OB!] MJVU *,&5&J^<KN-I;@;A3QOH(&MTGBOH_^3M@XTG Q\#7(${TI9854=3)] MWL"}EZF!5Y, IH.3C$]EY ,8!HUNP$8.B0<&LA04KTDD^109*NAM$X*<^,\T M"X\(>CDW3_6>!WT E. ^BO!O%*K;.$B\L#/MWC .3(<VC-# MJV;\ANOZ* C,]3%CZM0U#=*@;LD=@@<4O&.87 XNF/_.44.HP U?T-B(XV7.M%?2<7-GM#3(2)++P%'A[%XA MO$4F*2 OR.& SD?PR3#1HKI IH? *"&.S8MQ@&=V$YVLZ!)DT)#^(BC2W)#KL\(<)]RK]?;C/E MGR-Y E#7U/58Y$^S^FZA=X,1[OO];]RPK95MB7L3M?HG)D.V.G\@[R+tO&@ M9]]=(#65]!4 U*UE^T?5!\>[Y\ 35[5OK[3] P\< Z< ^X$=/@+V8? MD9O)BYP;YO$AY0$K M3R(,? T1]25G2.1:HEYE(D$ T4-G.K,>0W:GVDBIE&JBM155$ 'I^OD M%TE1R6]TF(#LP]1MHP<%.7Z $T:WD0G]OA.+%'@0"""& 8QUPMHGZMHHO^(4: MC4[A @E\N.V'>!+3U">"2T'l.E8E&@FG8AT10>L9YS.E MJ1!"LDE5&"*2WUAB5NS5\?ZB$42R=N"Y_V)K6$9=R]]HWB'U:$S#(3XX4F,2 MZ>URZK.Y6N_AM.7G,16C/'IV/1?,^:,2U=]2DBFR6UL2'>_.S:V. C)=Y^Z N M'U0!;$_"U#4(]$!2R/EO^%5157C*$Z?NQ=VD*H>_*E =UK($<&%N_4[^\NXEN. MAVF:O&_%V8V:END"OW>9NX,&]3D.%13S_1C3D-61S6 MMQE?6WLWHQ"C;/@9Y36RFAK4$EWBSW=DA3%$(2 ^0'$+&&D_?7L2WU\'_ 7G1-M2S5E>U[$"0 ?2-?^N;3$;.."8<=A"GA?S-5XH1K4QO85W[']T?YOS\H_(C*:RO#KLYM:O\L7?WH)%7&)N6$Q03+)8Y?.U M$_"U#4(]$!2R/EO^%5157C*$Z?NQ=VD*H>_*E =UK($<&%N_4[^\NXEN. MAVF:O&_%V8V:END"OW>9NX,&]3D.%13S_1C3D-61S6 MMQE?6WLWHQ"C;/@9Y36RFAK4$EWBSW=DA3%$(2 ^0'$+&&D_?7L2WU\'_ 7G1-M2S5E>U[$"0 ?2-?^N;3$;.."8<=A"GA?S-5XH1K4QO85W[']T?YOS\H_(C*:RO#KLYM:O\L7?WH)%7&)N6$Q03+)8Y?.U M$= E?[MNMHQ4]3HH? OL&I<^387(M&WK(ZTW?.F&LW@(/L]*'E]=-664X437A6B7)/2\1H0CBG&-BHTGM@ MAN2\IW7(+O9_1W+Z!BH62<*'N1U>;93/0<5RAJE!S,(,I6N#HQ#L*l,F[KF/ MHM4/#W,8*!P%"GB81B3[#'R0"O7ED6W2("'Y%OZ%0E6N14L'$YE)!%W#_Y\& MT8F![9"[UVB<',FY >E_0]D_B7V2B",D;GN C^4(*AKAGA9'=@9@P?+GYD-W/ M-L$\S(? &HL#KCTOS^;&VP+,\P3[[%&4&+#Y/T37Z^D#C33K@=($OBW:,. A M-!M^(3%U?83^"_ NE?D?2D?H!CNU8",CB*"P4%^L.NI,#U[W@E4YX?=9_MF6;. ,P>O@7PO4\>JZ4W>WCD!1&@&QNY[!./5B.5_*.) MA;LH[H:.!=9S"KUXJ&_G:5+V:+V<.]_B#?;*7-P'621Z!i8 N-R6XD4HAU@2&\9DVYA1*WS:\9N2$#6#54)9)@HFAO)#T M"\[/;&)UDBO;^G*86WOZ(# (/S_LA\X29!$4%A++>O*,/@.FJF,%##T]OPF2D-MRTAU0*5)K ,%$CFU_A!-G-/E%D%BC%)2^VZ15?DD] 9AH;+P&AJ03MS(B# MBA;>H -#]P$;@"]1;.0N/6;1R;] HP^9\M5M^%Q8D2&M^F $XQ]CKQMH\Y8."\ MF'- #]1%RSCE[/)GQ_I^1A\Y%^?RD!MAGZK2;.,X5LAW6]@V2E?W?QUL;*@ -@ M-Q- X!.!?IP&,@3]QOM^C;H7SL7L/8*.S$] [KV]X5'O9/$4PA8/W]^O*XZA;_C'-M'O)9*\DC/.LNU9F>*T?']Z>+O\@0%SBR"U)^?O M]10 E>7=>C/LCWC;-YO]DLYV.))YF4W:+ES2;.A5X7@=O4-)%Z3B_6W^6I# M+TG)D$WN?DS*8/T*0;U] [ZH"8EXH'PB%_^=WWM#G?QV7,YGQO$F+?[3(&H] M=TE-BL]W^AASC(08_O*5N_(93S!Y*? DM&*) P]]UHC[D'?*G'?*()+J/& P MUMM'7D8%U9(F45\5IEC M#5*$VZ>7^]fR0P#Q%+)7)>3 T1^9OQ3W+.?+-6BEZ(K\58$$[BO(9 /(&-]8> M5/B];"M)UNf10BVG78N+&L<'5 .7Z0H&!\,O(+84N_2(A^R.5K^ 45O-$K' M.],/<_=NA7$ MD%CQ\6OX+Y(-HUG^;G;]"DBP8MP6YM L1(&%SE(/A(MOQM%_M5?HPK8NU?F6*$K#$U))?0O_I"G)^9GN<,#&2?(L>&>&<7N:<%A&*A1M;DY8MC M=!'!9.CPYI,%DHE<9/#59EJW RD9H]75.@:.9))D8-VVG"]AH("FV@M,.@-<.M'M@*.1BEF+YN[X"K)C2A@KVXA>J>MR30"NO6.X4EF6[Z%$MG@LY(%/-*.* M;C%D+(BB$:.#2=M->&^]2,VO$.RSKB)-S^L%"31M1#.&*#2Q+]MT0R.HBW V M1KTFQ."S.I +VGB-*(&2+(_'A(BND#Q4M.9!^6M MO993^?:,,#%@*0=>A.D55+:.)=M$PQ0VBG78N+&L<'5%

M6#XF,.+?VV#MUE!7K,Q\K=^;/Z_NZ3>5^_K78FG[XYLA3A|?CI'3^IY>P%F/.G=S";^68;GD[E(98>45 M/7$%OHK_5RQ$Y8'_6'B<)G$^M5)C<&R3U;(WFG U.YPRE9S'\3H6'>\L%R= MB1? VADBV(8TX.NH7KL*.B1_6_!68[=?L3!^+]G:,4,.^_^}).OQ/K9FZIN;6O MP38/._X,9;8G1:]]C^;@V-NT1_AT)!*#M>\N4O77KWN+W_$P[%&Y.STOW!5+ M972#*Hl[{{]BCE4)?PR3 /KTS<$]X+INB7O3Z=/A 0!LU2:1W+@+4X[J4** M1H[CYF2 T-2(3RS=P9)=0$$:Al<&0N#YBFCY91>ZG?H?=%Z&'<#[__>3^.D% M;[%V[$L&DYO5Q_-*NWM6&7Z*73R(#33M!,/?C^S+,?!=)Q&\WN+3;O6UTB[= M'UW4)<]B9\^ESP(9,8L=Z~4J4]/BBV(ORYJ;$NJYS;9277+P@W_P5$T =M#LIMOD-8L"X\$XCMA3F(2/LROG++*SCG#Z)\)8?W3]FG6W4/)6'>]U\-5N1T3 M=8]? 4W\WCH;=T8_!7>$AWROK<;,Q_/KY[F* MW]__[P=_Q)/S8L?] #XIW^'P15402N%=8S'B#?0@K3(<$[\3S1C"#XE M_"8U,U0.)G>WLFUA^<4 M_/OQ[$!I3_AB9L_M[Q<5RV5HBDC>^0 M]*A_VQBU'OO*L)IQ_3_.FH4IU/,&(!AB4:O/29K.*"VJ^>KO/B"=1,9:E/_.M1BTN%]*"C MMMV_K.W5'OU&O^:V,8[26:)*[!?],QL4'1$ &OO EO.ZU'B>9E;H#"}+!@%A(M9%*3C90'\0S@4%YJB^\JEH;@BFV<*[68)LY-9Q8E0/.7KV"*X#K'?,*O$%YO3HB6.$ MU>L]#IHUL%J:2D:33DWWW5+ M'^20#7W9,L#_M^C@(=NBG;/8L]_J1-*R9_O-2'K6C2@*C+$F0]L9QY9:W:?/O@H>]Y""_%C MC\U1QPF:CECT&=49!Q@]Z=$]GXR6" *FH7KDXLSE:MH=9BPR YY^_J>"""8 M*W*5E!O\@FK8)(<$$F4@^EAT./PGINS8*D\;]+[9-=NF,85C3%EFG$P).X^,ZT,& N#MPQVJ=H M^=&BS*77-N*G@-(C)?)P=/=KD81:. RK+2X[GP(Z#B5X[MKF+Z6E-/,8.GJ:I&R*XV@*:#]QRD^TZ2.QYD*,OE<6?("U!\&K%WIF@WW_*OWO&3 M9F,*.()A#FU!L\E"Z1K4F)5&B]D];>#9/6 /HM7G^5N8 MDA7E,/<'%$]<4L$&8DiN&W!:TA*"M*Z]*I,*=0WRCFP $I(XP_^W]R_G)=0 5P3 MZV .PvB#9BW:?$.YZ)_PD -GUU^IV@/L#TXQ&\VUEP.IK^2K6QH1M(8$&(&K M*P7"'8O-E#=.?T.A.*&]#52+Y"BY6.#B[S(G$D!\V _T#A2+.W"""7V-72PLG-MBC.G!0 (>2)UZZ?$_0+ "PS6%^(_%)EWCX>*(}$^J98_V7TXN3JT9= MO$9WWPB.9 NL&. ?VQT.=.[.C$5\0'C3[? 9$TSC0$>,'@"F{0S;S;"&R"6&V M1U%Z7$;UU4O\/M4-T \JZ)\&==^|\$#:!%L&M,W35]C7"1&29XLWD6?S]=#IL M0VT-9[@T7,+.?T!PT5-VFE4/\MWPN+/(#4P6Y3RPHIP@(\%S6[/#\&/3'/D6 MQKXD]H-50E^ (&@M@40#E[N `!\F C^L(#DA]<*QU\'N^2N-@R34O2!>.;.[M]F!I#.M :U*;8RIFO(+.B.*5BF6IZ[?T200C>+\ R,<[OR .QV?'UW'Q[=1$OX M7G)-M? _]]!O)MW__/4C=%&6JZ_>.31;((#]['$\O[#MD-/18ZWDA>;0;.OH-M?$X/B5/1[8>O62?O.8D;O6R^DXC3]YX$<4-8+=1]K%/'1(@.G&8CK"\C)^$W-M$N8S7B0%.9.O'2A.;=K$WXBQ2A0)"!*>6-9.#ZC.M-!K3/S.TM!5>QB.*.9Q M-UQ.T+P8" "R%R%LM2ST!N%B; H1CFA.9<466RX8DT;$4?!(5$;.&Z'F+XJE MH===B B\9S+D98"%[Z#GAUD #RDRR^.'.]]V*71,.C4,1'5 L MQ(HV _O7PI5)EOLSBWTUOP9E$Q@1B&Q?VSD4/9P,4[*BN9>.KT4@3U$'3*DT-M\9)GL,#MJ-]Y-&LVY&8STTX$GWG'T[D#/$5\-]RR/ 918T^XJY/F'$4:W"RYL^C@#W L MD>DVOAWEVKON@JQ.NB"K/Y^>ZI_N+LR!K'V2?[VCHQ[068NB^<&1L8Q&.^M:5S)AN6&W!\OK=9F80#FH&FWFSS4I*1@N2A;C+@I=90\X.M7=?OTOO#T6:JAHM[+9+NQK#@_- K+EP)%F/\%'_6RX+C^S95A.YH'"[F+OY. MY(%L[H.)!A)A9K$UQ'"M+.>+!.#Q&?S(H7B/_Z.9U&S3Y]<2IC/)XA(^O##/ MXO$Q'MC'"*!(+]?0 U[^%BO8Z5I[%[..QJ:\(F/.6!\KF# M1#L%HY+.C\.V<2*%O60(@^/S7BS0.0!703!?L$%!;.#A Z,Z1"Z=]&P.6 M;]BU!*F.IP/N7?/)3OW5MKU..>]NT 7UT3544ZYZ0^L6@/5LX((&-&VVSVE_.MH)LC5244OWHPO!WJ;0- _3VBM=]G=#//7FE=(5>6BS^?SAZ;IW:.N/OE!8.: MZ\F;9YN;%>E.OYNQBKY\@'&HB,:RG+]I*H563:SZ?A<&3^]GW]<]WO[@S6T AGN3;& M-SO$S? IWETZ?'VUSY;._\VDP9K"#"$TVJ61YMP9]>9VUO.5B6CP(#:(3>_F.D*%268D.;I(1 M7G&1,AA8YI WF$E41(0QFUD6 YL9#*<3U_+]LWGM#;FX/R]&]U@CD2>2>-8A M5G>A^/? +.;G#"#%F4"KJ881%;-0<9Y+Y9+!BF;U1ABDRL_*3-[,DTW.T-AYB*3*DT=M*/,IV5,XEDS881K%^(<:,/#TI76(6Z2W:0]K* Q@B?3A$G'6OXE2;\0J8 MZP=@'7K1#.GRE CIH@'A; %A(EZ[]\? OY>#FF\!.?_RV=]A0XC*L%ID/79 MH>>\)%2PIXTB1M4;ZM*2(+D0E;6;." F5K592L59AE9)%&X&V5. MH" "9O)EI1+E1L4$,W!UXZR9M,MFP@>1_@+?#D EXY MW]I&&&H_ %6J+D8.1$WB* 80N'0B[C$O\{$.]]%*+OVX5D[X02!{^ZS/(&5 MTAX\/SR1IDX=IWC,P AT2GB&=$*0,]\'|ONH?B94NM/^D!.,]:C:,/LIU)K! M& VRSHFD<6%*TG@TDW]N?/OU0)C0PHF96$]EOUO%&%6G090F$@#N&WUU+.K M]U>=>P/O'HN#/+(D]B2BO(<=G9D6N0G1%9"0!E"KA$7X]Y=,;?$ 7^FZU/9!'2X#?:7L'.\I$G6" MDI,:#;,+?DG==O(8#TSGWZ)C9/ASP]1]=T_%(P<)/%(!47(H"DN M8[#+CP$OU:R8C8%MZE0KKYW^5 B.*,.+99C42D6ID)LJLFP>O%P=QO^5M(VD M.QYSON4V2Q@=$Y,;CP>_CSD=\3HUD8S9X^7GIXUK(M*.TAMF>##XOOXC/>&.M;6KIU#(3EBLGI.62;I(S*&@]) 7IW@Z.21'PFK(X2/M4__#\)?*F.M]:2^%!&27P+SE\P.*B?-_ D%C%]6A&R8,%*+D)73S)IR^=[LR#]&UR];@BQ# M1XM."0O+$#E_F*NN7(0L8R0ES :=_"#YHGDRPTIFKP?"J;81&B0$L<^.:TK_M6(^>9CEG3X_Z53?_1YLBF,*@?!4'KPBOFMT5H9A[]>X@ 8EF7<.\5SC!,7=& M28_>[FPVNY;K_UBW/O2U7[W4VT))AM!C_1(D\CP09P(9&% M_1']R3VO?^YMDIR+NTS.FU&8%B'GE5] \9=[7I7.,![7Y>_/D7%Z2G-?K.4W0 M#YAFMF)^$YC*]^W18=' MX35[7E-A0:VIN-QL;KE0D&KEV:.Y) `QS>9X.G$+&+X%:G9Z74;]SGS1NLL MRU.Y<6S$IT3GNLCD=+"4\U\PI1T6(FCD6VJ

{8X#40.'FS8@)9YQ^^DZ"STLVS727C93E>-12"=?EM$*) M\3C.0&MS[P#FS*\[+W*) TLS6MI T.?UC@'Y'L/&:O2$L(;8.RL0[V?])VG3. M#1O,[$F>_ND[!L%O6_Y553[T>\;P&8Z*ISKK+ (D>/EHR1X.3I^;+(X6U'.6YQ MX=+4?&6ZG&9C&%LMRV4J+.O:__4RR)1TR#_(2I0HW3LQ!?)PND.EY.*0Y9)/ M?25+V7@:79B?"SOMKHBA>V%:0AXPNRPA:WT)>?GN@@98&EU6%)(O[\EVP"P) MXOQ.#RYRC7P.[\]*RP1".Q VB=F&SD K(5"^L1@VN64[M1'L:OWS1< 5.'D]8U?D9A;#W_'ZH*Q[@@E/;A&S%5ENI9X!GH'7 .'))W_[MK&Q+2#I 6.NG7|0 Z/F8"">8EE_"?2B>8SB1;Q& U? IF!:E;VH4W;@+Q*[MXW.TQ(UW8KY;ZA^)@?,#W31 DY(2W/>J6%H[)56%E#Z*2K,[S?}GA8#OW(M M%FRKMTC/E6N% BLS[!6=F(_ Z\\.OF1<.|59P9K%*.K<+#"&'Z1<49M*.!.. M@9=CN\U?9"";HJ79OQF. 38R+R$K5@.-5G?;K+H']YME08 PCV[!]IL7EMT M]&|>PRW ^!)5RUIY"^* M!U!U6WV@]&/R%)6)8*%\(FVMTX'S8BZD7S/24.5Q@"5B" M7CC!FGD1X9I);5K"LSVNCN^"/;*.!0Q4%SB[#4?FR\.V1]N/ART41J2BP/H M'!4)?=!3(LM].TXN6K4_16)3]@C QZ!.<6;1OV@;<&Y#"\'3Z$Z=.HZ 97[M4+P"85I@;J(.8'N M8*![=:$M6(3.;G\ [.IN=C\A2E#Z/R)GIZ42~5S7&>0/.I8&N@>P6028S:H0 M60(F!35Y.QP_0+@2#Z'[H@YV*.X-EC\GLOR]"CUE]{9T%OWKF(>F/@6S!ST]] M-&.'Z:0PI<.PY%(.|<3;>&"R93\)*9E8*5I7%M#+|PO^SX IY@\JZ:0A2@X07'O" MU17 9(VQ"+[* =N+1R,M^)Z&;1ZPI6EX%)3:(BC55O\Q>%27]6VXWM (S M3\!.(RIA8<'*D M8GRZ ;NZP#S'RT_I]US#:.@?H'O26D3C4+-.<67W\X__(& M%&_+')BVYQ#T9HW1\^VO__V??+\'\M@NG#7+H1D8;E%55$B,[3D00+#/|,'BT M>L#,@#L!SG:UH8F>9/B6 TSX]=GQ^UMLZP%0 JRPF&7%C)= L]D3:GE.Y'UN M"#2F"]D-ZP\9+,&'_6@_C<'%.84*8OZE ;1= _O6(@@2!.'/O M+'>8+VG&ID!NM)28>6R21.0X]|UYK5RIK6GKZY<*GKI.> -1SWT4:. "[BY'?Q MD^,@L'"'"DY%5E.5C)<.) -3'!. 1WRQ0^#?(&&%;ZV^ %;.RUG>T M$Q87]7;ZI(13^$EU^F!RY2(OV43^]]YR+U+0PT.;;.<>*;"4@]3Z2?HGZBW M@1=]Q K#"]V=G00K@8.!VPA&#WL&5ZBZUR*5B8XY0'L(O]P*"//)@+&WG2! M :.^A-]FO%$E9TNX2-=:F3ES AC_88$8V@=P7#:_*8Q6E%6S>4;PWY2_]UO=.M.%0S[-DZ]NR5H\"DH9I_&#E.Y NO3]^L@ M0Q5,23&[-4PL5;$(/8 M%,#D9D7M&CK>T:UAVX@L,(.$XRD#'8OAO2"*.E0TG11RP"QX%-.4J\|N\V MR( )M.8:+ _@!2O]7.K.NT:5D%.%E-00EN2@BA(O.)9H:&3V32039/-/) MBH/8H.:.^L~8ZR\%P07_OP_F6A_"+M@_O.= =MY$!4S.KJK M&D^*.T1@@.6E=CW7/>.|4LDA@ 3+/"Z.2"QA84==2^BBO@A3*F#/X+F$>M*7@ M+VT$3Q$Z&"5/3MN|QS19)SK:,GN&B6>4^) BNX$MMHAE8Y0.OLS\75[*A'VA&++X&++@-=#($10K MU]#G@16X.N"KXOO045IXRH&GW5 B+$WQ,;%,$_W@%/KV5*#P*>$,<.Z#6&PZ MI*V<,V#:*F+%,.@)XH9A8IHI-3A';>B8'KQ5#"'^'X3VB[\\7G&9V)VX9 "NT M6B=F.Z$G7S*^^ S*F@;B;BW M1EUL]V]8Y*R&:9TU3'}6PY1IEFMTI6 ?3=%2+LDT4T3"_\T8*M3-A&5TD.":R>J@ M?<1D=F"VAE=?H\"K#R+H0"ZE\|5XJB]I*HL)\05CL+.^ITO0G9LM2Q ZG3O&\ M$M4@VG5!5[%YHTF>-.41^$BR$8C(:=^N5;.."]S.G FA0" [N8I*!@3>;'L53. M'@=B!&R ":E6X?1C6W7P3U[F-M>S28F>4#E'@=[\B](=XG&1*/'!.I2R%7 M "5G=%R+.^[". T?KCSW@[f>*<|!#K94?PU>6(^D5!B"NV%4-7@06 1GOFT]W M$DI'PIN$6\722A2/B M)+'/PCQIW#B_/0'^=+!RS;)8O5B3P0%N.C1\' M5QR:))=0%^10ZB#M(XB8+),2Z&<%SIE8R#SO/D"4Z),>O"G_E;N-)M(', ^&R M6^PA$RX[? \X=OIZ)%"XQ9MZU;K#@#1TKD42E>Y(KH__5=#&=W+=0^+7S8.!: M S(;T=(@PPI]1!2C3X4"%E?T@Q69<65B7U $9>]S,B[.XF<^5^.5 M,0C?@W&V>|<-N7\AAH;RT0:]$:V!A:1$>2D;L8!6+ V[P.12!M_ M)4N5.4F?'UG3_G#F(/_O/UXP^WQ4*.V0C(U-F_.6]VF C'[T) M[YU74H=UZ1IH].9UH-BVV=*HBSNQ47-UD:.K'APD-G>B/U X=^;Y*0 _M8+1\TF&+15[Y1UQ 9EW.P7EU76@*#@Z4Z9LT:0;CA0\F3GRW/0'CG<+WX664 MME.4EO'IG3_G#F//7O'I6Z^_!VWRIE'W_2.W-TO*:'2U59^H ?OR3B,_'5 MO'X$@+58%773Z!Y@3VJQ:V)192?LYD"G_('GE.>)"_ +:,$]1# ^U@6L!+4'$* M),.9)8GN;%'=>(\,_|PROB^PQVOF5:=45>GW(H MG)E^4!|$*M% 8;:\,.[U-8,4<=.<(ZC_MMYRY/|SY5IXTZ\NA&O:TZ_P(_\3=+ 7-_"|+^>/L|'C M$.YIYX$4&SZP*7Y=W6SZ\!2\7H(UKV3^2KP>-ND!X&AZC4'%.V1F(_'U!?$= M'\2 %69LD8S8UCMN;%K!^D%?CI!$&IIZU*]_]-%'-A](85ZI0_8UM;EDL%'(.C# MD&_7I1NP.1Y\FG10R;.MML* MX+7.D2&0*N%>I;RY(V"(8JEYK$0TFA+24)G9.2E.MM/D&W[TDL'*0%[;B.N3VM7&FBEVQ$'\)"+AUA2*.[# ^#IK80-8.&'; M)[.+O9CQRYIB<7.XE*D& N'2''+W)7;_EL2!;J(-A7S25M72(7XH1-YDHZLQ M+= .?T^UWE0+ESCN)2A2TO;1L'=QV*' .|M6]4[!Y[7%_LQ6TY&*G=T!OP[P_"M3:V&5[U4R="WX7%,C8RD)[*9.P#BF.T!OP5(;28H]G$ MQ$5'.>>5<#8*!"P8.], D<>-V-2!K3ADEWC>FWN$?(-W?QOCXK7EAG\4(^*UYX MF5+.@O^8[/D=^B,R1(//(>[F+IQ2IFC1A?+2]YP+|VV]_PD8]C#U>&'N\X#W^_M[S-H)S87YTA_]'0\9KQ"99RK.'(+0B'^"9"T]:"=>Y3!QP^:- CE#YO L__? MJ_(X,TSDOY-LZ]6[NYZE>A8DGYT209IY][?%HQS3V(^Y-SP9U]K8U>67.B]2 M^T:O9^GM%O9HNW6;5+A'&_F\|YB?]CCA[5(SV'&89>O&K)OV>N*:WUK=YNM| MKBCE"U4?1RF0S:<|%5*%/DNN^RW,XL_D_XY'W.A3\M|OO>"6O*:',' M.3P.DIZ/73V>\K:P[7O1*E9K^[GWUPML_LT:)CT5((F:EW$*ZSP[_WMYZOK*M6DN/GRZ6X1ZC2P? 4>BN!OE*+B05$PS2XSK..!^M2L9)B^ZGP99^.7:U(U4H:.MW>6YG1P.7LB7%SSXDEX1FCX6?\.U">Z7]G97P$UFR^KO[!X58\'XWC)M6]3A M? _88YUXJDRD7[$(UC3WWW$Y>$OS5PJ}7GC&9Y526R8]=^7%9C-\;MHIMWJ>8.M.8D+Q4-KI@F4=L%L.WNPF;B\9W2+1P[E2]\;$MW9DL5>2< ME"^7=F0_!5F6:14)/K@MZ%1G;V1SK#=.!|;ME;>8EGA_"->N KH:,(0W4"N_=0 M'Y"EG%R2*]6)*]FH(K!%_1RP#SD[>[!VIQ_N2!5BO+S5P/E11T)NV1IWID. M#3 ;5Q7W& $+4@Z@DLOE7RH%Y]6R#+|+|<4"H)@'.92?\"8_0O.T|$MODW.H M!?]R*/DUR.M>LS[XFO& 4C$%@OIFW7L!>]K9&ZKPP0)20W4RKUZVE3WQZIUC M@A.6U7!$7KOH+1>ET M.6W:947X/-'#5@V_T-?T^UWE0+ESCN)2A2TO;1L'=QV*' .|M6]4[!Y[7%_LQ6TY&*G=T!OP[P_"M3:V&5[U4R="WX7%,C8RD)[*9.P#BF.T!OP5(;28H]G$ MQ@5'.>>5<#8*!"P8.], D<>-V-2!K3ADEWC>FWN$?(-W?QOCXK7EAG\4(^*UYX MF5+.@O^8[/D=^B,R1(//(>[F+IQ2IFC1A?+2]YP+|VV]_PD8]C#U>&'N\X#W^_M[S-H)S87YTA_]'0\9KQ"99RK.'(+0B'^"9"T]:"=>Y3!QP^:- CE#YO L__? 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M#3 ;5Q7W& $+4@Z@DLOE7RH%Y]6R#+|+|<4"H)@'.92?\"8_0O.T|$MODW.H M!?]R*/DUR.M>LS[XFO& 4C$%@OIFW7L!>]K9&ZKPP0)20W4RKUZVE3WQZIUC M@A.6U7!$7KOH+1>ET M.6W:947X/-'#5@V_T-?T^UWE0+ESCN)2A2TO;1L'=QV*' .|M6]4[!Y[7%_LQ6TY&*G=T!OP[P_"M3:V&5[U4R="WX7%,C8RD)[*9.P#BF.T!OP5(;28H]G$ MQ@5'.>>5<#8*!"P8.], D<>-V-2!K3ADEWC>FWN$?(-W?QOCXK7EAG\4(^*UYX MF5+.@O^8[/D=^B,R1(//(>[F+IQ2IFC1A?+2]YP+|VV]_PD8]C#U>&'N\X#W^_M[S-H)S87YTA_]'0\9KQ"99RK.'(+0B'^"9"T]:"=>Y3!QP^:- CE#YO L__? MJ_(X,TSDOY-LZ]6[NYZE>A8DGYT209IY][?%HQS3V(^Y-SP9U]K8U>67.B]2 M^T:O9^GM%O9HNW6;5+A'&_F\|YB?]CCA[5(SV'&89>O&K)OV>N*:WUK=YNM| MKBCE"U4?1RF0S:<|%5*%/DNN^RW,XL_D_XY'W.A3\M|OO>"6O*:',' M.3P.DIZ/73V>\K:P[7O1*E9K^[GWUPML_LT:)CT5((F:EW$*ZSP[_WMYZOK*M6DN/GRZ6X1ZC2P? 4>BN!OE*+B05$PS2XSK..!^M2L9)B^ZGP99^.7:U(U4H:

86EM9"TR,#(T,#DS,%]L86(N>&UL4$L! M A0#% @ [(%F69 2O(*R. ^-(# !4 (!=)P &%I M;60M,C R-# Y,S!?<')E+GAM;%!+ 0(4 Q0 (.R!9ED3Z!J-10< #4K M * " 5G5
!E>#,Q+3$N:'1M4$L! A0#% @ [(%F M67$P) TG!P YBH H (!QMP &5X,S$M,BYH=&U02P$" M% ,4 " #L@6998>PO/IP$ 1&P "@ @ $5Y 97@S M,BTQ+FAT;5!+ 0(4 Q0 (
.R!9EE[fZ"?>P0 / < * M " =GH !E>#,R+3(N;'1M4$L! A0#% @ [(%F64E%@()"20$ .F8/ M P (!?.T &9O XML 65 form10-q_htm.xml IDEA: XBRL DOCUMENT 0001014763 2024-01-01 2024-09-30 0001014763 AIMD:CommonStockParValue0.01PerShareMember 2024-01-01 2024-09-30 0001014763 AIMD:WarrantsToPurchaseCommonStockMember 2024-01-01 2024-09-30 0001014763 2024-11-06 0001014763 2024-09-30 0001014763 2023-12-31 0001014763 us-gaap:RelatedPartyMember 2024-09-30 0001014763 us-gaap:RelatedPartyMember 2023-12-31 0001014763 2024-07-01 2024-09-30 0001014763 2023-07-01 2023-09-30 0001014763 2023-01-01 2023-09-30 0001014763 us-gaap:RelatedPartyMember 2024-07-01 2024-09-30 0001014763 us-gaap:RelatedPartyMember 2023-07-01 2023-09-30 0001014763 us-gaap:RelatedPartyMember 2024-01-01 2024-09-30 0001014763 us-gaap:RelatedPartyMember 2023-01-01 2023-09-30 0001014763 us-gaap:PreferredStockMember 2024-06-30 0001014763 us-gaap:CommonStockMember 2024-06-30 0001014763 AIMD:CommonStockToBeIssuedMember 2024-06-30 0001014763 us-gaap:AdditionalPaidInCapitalMember 2024-06-30 0001014763 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Description of Business   Organization and Business   Ainos, Inc. (the "Company"), incorporated in the State of Texas in 1984, is a diversified healthcare company focused on the development of novel point-of-care testing (the "POCT"), therapeutics based on very low-dose interferon alpha (the "VELDONA"), and synthetic RNA-driven preventative medicine. Our product pipeline includes commercial-stage VELDONA Pet cytoprotein supplements, clinical-stage VELDONA human and animal therapeutics and telehealth-friendly POCTs powered by the AI Nose technology platform.   We have historically involved in the research and development of therapeutics based on VELDONA. Building on our research and development on VELDONA since inception, we are focused on commercializing a suite of VELDONA-based product candidates. Currently our priority VELDONA pipeline includes drug candidates for treating oral warts for human immunodeficiency virus (HIV) seropositive patients, Sjögren's syndrome, and feline chronic gingivostomatitis (FCGS), a cat oral infection.   In 2021 and 2022, we acquired certain types of intellectual property from our controlling shareholder, Ainos Inc., a Cayman Island corporation ("Ainos KY"), to expand product portfolio into POCTs aimed to provide connected, rapid, and convenient testing for a broad range of health conditions. Pivoting from the sales of COVID-19 POCT, we aim to commercialize POCTs that detect volatile organic compounds (the "VOC") emitted by the body, powered by our AI Nose technology platform. Our AI Nose technology platform implements digital nose sensors and our proprietary algorithm to analyze and digitally profile VOCs emitted by the body. Our lead VOC POCT candidate, Ainos Flora, aims to test female vaginal health and certain common sexually transmitted infections (the "STIs") quickly and easily.   We believe AI Nose has additional opportunities in telehealth, automotive, industrial, and environmental safety applications. To address these additional opportunities, we are codeveloping a VOC POCT solution for the elderly care market. We are also codeveloping a VOC sensing solution to address the industrial market, as our first move to expand the application of AI Nose beyond healthcare. Our vision is to leverage digital nose sensors and our proprietary VOC sensing AI algorithm, to digitize smell and ultimately become AI's nose.   Underwritten Public Offering   The Company's registration statement related to its underwritten public offering (the "Offering") was declared effective on August 8, 2022, and the Company's common stock and warrants began trading on the Nasdaq Capital Market (the "Nasdaq") on August 9, 2022 under the trading symbols "AIMD" and "AIMDW", respectively.   Reverse Stock Splits   In connection with the Offering, the Company's board of directors on April 29, 2022 and its shareholders on May 16, 2022 approved a 1-for-15 reverse stock split of the Company's common stock that became effective on August 9, 2022. Further, to comply with Nasdaq's minimum $1.00 per share continued listing rules, the Company filed a Certificate of Amendment to its Restated Certificate of Formation on November 27, 2023, to apply for another reverse stock split of the Company's common stock at a ratio of 1-for-5 which was effectuated on December 14, 2023 after receiving required approvals.   The par value of $0.01 and authorized shares of the Company's common stock remains the same and were not adjusted as a result of the reverse stock splits. All issued and outstanding common stock, restricted stock units (RSUs), outstanding convertible notes, warrants and options to purchase common stock and per share amounts contained in the financial statements have been retroactively adjusted to give effect to the reverse stock splits for all periods presented.   1-for-15 reverse stock split1.001-for-50.01 2. Summary of Significant Accounting Policies   Basis of Presentation   The accompanying condensed financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (the "GAAP") and pursuant to the accounting disclosure rules and regulations of the Securities and Exchange Commission (the "SEC") regarding interim financial reporting. Certain information and note disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these condensed financial statements should be read in conjunction with the financial statements and notes included in the Company's audited financial statements as of and for the year ended December 31, 2023 contained in the Annual Report on Form 10-K filed with the SEC on March 8, 2024.   In the opinion of management, the accompanying condensed financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, and cash flows for the interim periods. The results for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter, the year ending December 31, 2024, or any other period.   There have been no material changes to the Company's significant accounting policies as described in the audited financial statements as of December 31, 2023.   Use of Estimates   The preparation of condensed financial statements in conformity with GAAP requires management to make certain estimates, judgments, and assumptions that affect the reported amounts of assets and liabilities and disclosures as of the date of the condensed financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on various factors, including historical experience, and on various other assumptions that are believed to be reasonable under the circumstances, when these carrying values are not readily available from other sources. Significant items subject to estimates and assumptions include useful lives of property and equipment, valuation of stock option, warrants and convertible notes measured at fair value, and impairment testing of intangible assets. Actual results may differ from these estimates.   Liquidity   As of September 30, 2024, the Company had cash and cash equivalents of $5,156,606. The Company plans to finance its operations and development needs with its existing cash and cash equivalents, additional equity and/or debt financing arrangements, to support the Company's clinical trial activities, largely in connection with Ainos Flora and human related VELDONA therapeutics. There can be no assurance that the Company will be able to obtain additional financing on terms acceptable to the Company, on a timely basis, or at all.   For the nine months ended September 30, 2024, the Company generated a net loss of $10,209,149. The Company expects to continue incurring development expenses for the next twelve months as the Company advances Ainos Flora and VELDONA therapeutics for humans through clinical development until regulatory approval is received and the sales and marketing of the products is authorized.   The financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has incurred net operating losses since inception and has an accumulated deficit as of September 30, 2024 of $48,095,304 and expects to incur additional losses and negative operating cash flows for at least the next twelve months. The Company's ability to meet its obligations is dependent upon its ability to generate sufficient cash flows from operations and future financing transactions.   <span style="font-family: Times New Roman,

Times, Serif; font-size: 10pt; background-color: white">Segments   Operating segments are defined as components of an entity for which separate financial information is available and that is regularly reviewed by the chief operating decision maker (the "CODM") in deciding how to allocate resources to an individual segment and in assessing performance. The Company's Chief Executive Officer is the Company's CODM. The CODM reviews financial information prepared on the basis of accounting policy disclosed in its annual financial statement for purposes of making operating decisions, allocating resources, and evaluating financial performance of the Company. As such, the Company has determined that it operates as one operating segment.   Impairment of Intangible Assets   The Company reviews its definite-lived intangibles and other long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be fully recoverable. When such events occur, management determines whether there has been impairment by comparing the anticipated undiscounted future net cash flows to the carrying value of the asset or asset group. If impairment exists, the assets are written down to their estimated fair value. No impairment of definite-lived intangible and long-lived assets was recorded for the three and nine months ended September 30, 2024 and 2023.   Fair Value Option   ASC 825-10, Financial Instruments, provides a fair value option (the "FVO") election that allows companies an irrevocable election to use fair value as the initial and subsequent accounting measurement attribute for certain financial assets and liabilities. ASC 825-10 permits entities to elect to measure eligible financial assets and liabilities at fair value on an ongoing basis. Unrealized gains and losses on items for which the FVO has been elected are reported in earnings, except for the effect of changes in own credit, which are recognized in other comprehensive income/loss. The decision to elect the FVO is determined on an instrument-by-instrument basis, must be applied to an entire instrument and is irrevocable once elected. Assets and liabilities measured at fair value pursuant to ASC 825-10 are required to be reported separately from those instruments measured using another accounting method.   The Company elected to account for the senior secured convertible notes issued to Lind Global Fund II LP (the "Lind Note") using FVO, which allows for valuing the Lind Note at fair value in its entirety versus bifurcation of the embedded derivatives (see Note 5). The fair value of the Lind Note is determined using a binomial lattice valuation model, which is widely used for valuing convertible notes. The significant assumptions used in the model is volatility of the Company's common stock. If different assumptions are used, the fair value of the convertible notes and the change in estimated fair value could be materially different. A significant increase in the volatility of the market price of the Company's common stock, in isolation, would result in a significantly higher fair value; and a significant decrease in volatility would result in a significantly lower fair value.   Recent Accounting Pronouncements Adopted   On January 1, 2023, the Company adopted Accounting Standards Update (the "ASU") 2016-13 (the "ASU 2016-13"), Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, which the Financial Accounting Standards Board (the "FASB") issued in June 2016. The new standard changes the accounting for credit losses for financial assets and certain other instruments, including trade receivables and contract assets that are not measured at fair value through net income. Under legacy standards, the Company recognizes an impairment of receivables when it was probable that a loss had been incurred. Under the new standard pursuant to ASU 2016-13, the Company is required to recognize estimated credit losses expected to occur over the estimated life or remaining contractual life of an asset (which includes losses that may be incurred in future periods) using a broader range of information including reasonable and supportable forecasts about future economic conditions. The guidance is effective for smaller reporting companies (the "SRC") as defined by the SEC for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years with early adoption permitted. The Company's adoption of this new guidance did not have a material impact on the Company's financial statements and related disclosure.   On January 1, 2023, the Company early adopted ASU 2020-06 (the "ASU 2020-06"), Debt—Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging—Contracts in Entity's Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity's Own Equity, which simplifies accounting for convertible instruments by removing major separation models required under current GAAP. ASU 2020-06 as issued by FASB in August 2020 removes certain settlement conditions that are required for equity contracts to qualify for the derivative scope exception, and it also simplifies the diluted earnings per share calculation in certain areas. ASU 2020-06 is effective for SRC's fiscal years beginning after December 15, 2023, including interim periods within those fiscal years, with early adoption permitted. The Company's early adoption of this new guidance did not have a material impact on its financial statements and related disclosures.   Accounting Standards Issued but Not Yet Adopted   No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Company's financial statements.   Basis of Presentation   The accompanying condensed financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (the "GAAP") and pursuant to the accounting disclosure rules and regulations of the Securities and Exchange Commission (the "SEC") regarding interim financial reporting. Certain information and note disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these condensed financial statements should be read in conjunction with the financial statements and notes included in the Company's audited financial statements as of and for the year ended December 31, 2023 contained in the Annual Report on Form 10-K filed with the SEC on March 8, 2024.   In the opinion of management, the accompanying condensed financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, and cash flows for the interim periods. The results for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter, the year ending December 31, 2024, or any other period.   There have been no material changes to the Company's significant accounting policies as described in the audited financial statements as of December 31, 2023.   Use of Estimates   The preparation of condensed financial statements in conformity with GAAP requires management to make certain estimates, judgments, and assumptions that affect the reported amounts of assets and liabilities and disclosures as of the date of the condensed financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on various factors, including historical experience, and on various other assumptions that are believed to be reasonable under the circumstances, when these carrying values are not readily available from other sources. Significant items subject to estimates and assumptions include useful lives of property and equipment, valuation of stock option, warrants and convertible notes measured at fair value, and impairment testing of intangible assets. Actual results may differ from these estimates.   Liquidity   As of September 30, 2024, the Company had cash and cash equivalents of $5,156,606. The Company plans to finance its operations and development needs with its existing cash and cash equivalents, additional equity and/or debt financing arrangements, to support the Company's clinical trial activities, largely in connection with Ainos Flora and human related VELDONA therapeutics. There can be no assurance that the Company will be able to obtain additional financing on terms acceptable to the Company, on a timely basis, or at all.   For the nine months ended September 30, 2024, the Company generated a net loss of $10,209,149. The Company expects to continue incurring development expenses for the next twelve months as the Company advances Ainos Flora and VELDONA therapeutics for humans through clinical development until regulatory approval is received and the sales and marketing of the products is authorized.   <p style="font: 10pt Times New Roman,

Times, Serif; margin: 0; text-align: justify">The financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has incurred net operating losses since inception and has an accumulated deficit as of September 30, 2024 of $48,095,304 and expects to incur additional losses and negative operating cash flows for at least the next twelve months. The Company's ability to meet its obligations is dependent upon its ability to generate sufficient cash flows from operations and future financing transactions.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> 5156606-10209149-48095304<p id="xdx_847_eus-gaap--SegmentReportingPolicyPolicyTextBlock_zpkhlCgNtm45" style="font: 10pt Times New Roman, Times, Serif; margin: 0">Segments</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">Operating segments are defined as components of an entity for which separate financial information is available and that is regularly reviewed by the chief operating decision maker (the "CODM") in deciding how to allocate resources to an individual segment and in assessing performance. The Company's Chief Executive Officer is the Company's CODM. The CODM reviews financial information prepared on the basis of accounting policy disclosed in its annual financial statement for purposes of making operating decisions, allocating resources, and evaluating financial performance of the Company. As such, the Company has determined that it operates as one operating segment.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p id="xdx_849_eus-gaap--ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock_z9lB7rWsrcD3" style="font: 10pt Times New Roman, Times, Serif; margin: 0">Impairment of Intangible Assets</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company reviews its definite-lived intangibles and other long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be fully recoverable. When such events occur, management determines whether there has been impairment by comparing the anticipated undiscounted future net cash flows to the carrying value of the asset or asset group. If impairment exists, the assets are written down to their estimated fair value. No impairment of definite-lived intangible and long-lived assets was recorded for the three and nine months ended September 30, 2024 and 2023.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> 0000<p id="xdx_841_eus-gaap--FairValueOfFinancialInstrumentsPolicy_zbOzVfRicSMf" style="font: 10pt Times New Roman, Times, Serif; margin: 0">Fair Value Option </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">ASC 825-10, <i>Financial Instruments</i>, provides a fair value option (the "FVO") election that allows companies an irrevocable election to use fair value as the initial and subsequent accounting measurement attribute for certain financial assets and liabilities. ASC 825-10 permits entities to elect to measure eligible financial assets and liabilities at fair value on an ongoing basis. Unrealized gains and losses on items for which the FVO has been elected are reported in earnings, except for the effect of changes in own credit, which are recognized in other comprehensive income/loss. The decision to elect the FVO is determined on an instrument-by-instrument basis, must be applied to an entire instrument and is irrevocable once elected. Assets and liabilities measured at fair value pursuant to ASC 825-10 are required to be reported separately from those instruments measured using another accounting method.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company elected to account for the senior secured convertible notes issued to Lind Global Fund II LP (the "Lind Note") using FVO, which allows for valuing the Lind Note at fair value in its entirety versus bifurcation of the embedded derivatives (see Note 5). The fair value of the Lind Note is determined using a binomial lattice valuation model, which is widely used for valuing convertible notes. The significant assumptions used in the model is volatility of the Company's common stock. If different assumptions are used, the fair value of the convertible notes and the change in estimated fair value could be materially different. A significant increase in the volatility of the market price of the Company's common stock, in isolation, would result in a significantly higher fair value; and a significant decrease in volatility would result in a significantly lower fair value.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p id="xdx_849_eus-gaap--NewAccountingPronouncementsPolicyPolicyTextBlock_zJiBPfSFJsG8" style="font: 10pt Times New Roman, Times, Serif; margin: 0">Recent Accounting Pronouncements Adopted</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify; background-color: white"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify; background-color: white">On January 1, 2023, the Company adopted Accounting Standards Update (the "ASU") 2016-13 (the "ASU 2016-13"), <i>Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments</i>, which the Financial Accounting Standards Board (the "FASB") issued in June 2016. The new standard changes the accounting for credit losses for financial assets and certain other instruments, including trade receivables and contract assets that are not measured at fair value through net income. Under legacy standards, the Company recognizes an impairment of receivables when it was probable that a loss had been incurred. Under the new standard pursuant to ASU 2016-13, the Company is required to recognize estimated credit losses expected to occur over the estimated life or remaining contractual life of an asset (which includes losses that may be incurred in future periods) using a broader range of information including reasonable and supportable forecasts about future economic conditions. The guidance is effective for smaller reporting companies (the "SRC") as defined by the SEC for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years with early adoption permitted. The Company's adoption of this new guidance did not have a material impact on the Company's financial statements and related disclosure.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify; background-color: white">On January 1, 2023, the Company early adopted ASU 2020-06 (the "ASU 2020-06"), <i>Debt—Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging—Contracts in Entity's Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity's Own Equity</i>, which simplifies accounting for convertible instruments by removing major separation models required under current GAAP. ASU 2020-06 as issued by FASB in August 2020 removes certain settlement conditions that are required for equity contracts to qualify for the derivative scope exception, and it also simplifies the diluted earnings per share calculation in certain areas. ASU 2020-06 is effective for SRC's fiscal years beginning after December 15, 2023, including interim periods within those fiscal years, with early adoption permitted. The Company's early adoption of this new guidance did not have a material impact on its financial statements and related disclosures.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p id="xdx_844_ecustom--NewAccountingPronouncementsIssuedButNotYetAdoptedPolicyTextBlock_zdpF6d6OR5k1" style="font: 10pt Times New Roman, Times, Serif; margin: 0">Accounting Standards Issued but Not Yet Adopted</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Company's financial statements.</p> <p id="xdx_80D_eus-gaap--CashAndCashEquivalentsDisclosureTextBlock_zTUVgZ8ulTjl" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">3. Cash and Cash Equivalents</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify; background-color: white">As of September 30, 2024 and December 31, 2023, cash and cash equivalents consisted of cash on hand and cash in bank which is potentially subject to concentration of credit risk. Such balance is maintained at financial institutions that management determines to be of high-credit quality. Cash accounts at each institution are insured by the Federal Deposit Insurance Corporation in the U.S.A or Central Deposit Insurance Corporation in Taiwan up to certain limits. At times, such deposits may be in excess of the insurance limit. Accounts are guaranteed by the Federal Deposit Insurance Corporation (FDIC) up to $250,000. As of September 30, 2024 and December 31, 2023, the Company had approximately $230,115 and $1,557,487 in excess of FDIC insured limits, respectively. The Company maintains cash in state-owned banks in Taiwan. In Taiwan, the insurance coverage of each bank is NTD$3,000,000 (approximately USD$94,750). As of September 30, 2024 and December 31, 2023, the Company had approximately $4,557,900 and $0 cash in excess of the insured amount, respectively. The Company has not experienced any losses in such accounts.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> 2500002301155574873000000947504557900<p id="xdx_805_eus-gaap--InventoryDisclosureTextBlock_z284JbHEXKf7" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">4. Inventory </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p id="xdx_89C_eus-gaap--ScheduleOfInventoryCurrentTableTextBlock_zHyyN1aSrNx8" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">Inventory stated at cost, net of reserve, consisted of the following:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> Schedule of Inventory</p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 80%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_496_20240930_zjyaSSLAB6E5" style="font-weight: bold; text-align: center">September 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_490_20231231_zhK788iqG1G" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr id="xdx_405_eus-gaap--InventoryRawMaterials_iI_maINz21U_zn6eYtkgJbsj" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%; text-align: left">Raw materials</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">88,765</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td

style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">92,708</td><td style="width: 1%; text-align: left"> </td></tr> <tr id="xdx_40E_eus-gaap--InventoryWorkInProcess_iI_maINz21U_zIYaeztemFw7" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">Work in process</td><td> </td><td style="text-align: left"> </td><td style="text-align: right">1,171</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,208</td><td style="text-align: left"> </td></tr> <tr id="xdx_407_eus-gaap--InventoryFinishedGoods_iI_maINz21U_zrTWNLU9ukq4" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 1pt">Finished goods</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">70,765</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">73,677</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_404_eus-gaap--InventoryNet_iTI_mtINz21U_zC9pJPRBrIx6" style="vertical-align: bottom; background-color: White"> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">160,701</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">167,593</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table>   Inventory write-downs to estimated net realizable values were nil for the three and nine months ended September 30, 2024, respectively, compared to $63,457 and $120,931 for the three and nine months ended September 30, 2023, respectively.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p id="xdx_89C_eus-gaap--ScheduleOfInventoryCurrentTableTextBlock_zHyyN1aSrNx8" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">Inventory stated at cost, net of reserve, consisted of the following:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> Schedule of Inventory</p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 80%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_496_20240930_zjyaSSLAB6E5" style="font-weight: bold; text-align: center">September 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_490_20231231_zhK788iqG1G" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr id="xdx_405_eus-gaap--InventoryRawMaterials_iI_maINz21U_zn6eYtkgJbsj" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%; text-align: left">Raw materials</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">88,765</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">92,708</td><td style="width: 1%; text-align: left"> </td></tr> <tr id="xdx_40E_eus-gaap--InventoryWorkInProcess_iI_maINz21U_zIYaeztemFw7" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">Work in process</td><td> </td><td style="text-align: left"> </td><td style="text-align: right">1,171</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,208</td><td style="text-align: left"> </td></tr> <tr id="xdx_407_eus-gaap--InventoryFinishedGoods_iI_maINz21U_zrTWNLU9ukq4" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 1pt">Finished goods</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">70,765</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">73,677</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_404_eus-gaap--InventoryNet_iTI_mtINz21U_zC9pJPRBrIx6" style="vertical-align: bottom; background-color: White"> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">160,701</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">167,593</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 887659270811711208707657367716070116759363457120931</p id="xdx_802_eus-gaap--DebtDisclosureTextBlock_zDbhLad5rzo8" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">5. Convertible Notes Payable and Other Notes Payable</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p id="xdx_899_eus-gaap--ScheduleOfDebtTableTextBlock_zZjJmwnuYyXk" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">As of September 30, 2024 and December 31, 2023, the respective notes payable were as follows:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> Schedule of Notes Payable</p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_498_20240930_zuycZxglgsH8" style="border-bottom: Black 1pt solid; text-align: center">September 30,
 2024</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_49C_20231231_zeMke187WF5c" style="border-bottom: Black 1pt solid; text-align: center">December 31,
 2023</td><td style="padding-bottom: 1pt"> </td></tr> <tr id="xdx_401_eus-gaap--OtherNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zUjJ1VThI2Ui" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%; text-align: left">Other notes payable, related party - current</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">270,000</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">42,000</td><td style="width: 1%; text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--OtherLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_z9EFdyFMCk78" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">Other notes payable, related party - noncurrent</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">270,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_40F_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesMember_zGRtYRwfFryI" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">March 2025 Convertible Notes, related party - noncurrent (ASE Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,000,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--ConvertibleNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesMember_zG5rTVkvpGEb" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">March 2025 Convertible Notes, related party -current (ASE Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,000,000</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr id="xdx_401_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--NonrelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesOneMember_zyImf7LtamGe" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">March 2025 Convertible Notes - noncurrent (Lee Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,000,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_407_eus-gaap--ConvertibleNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--NonrelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesOneMember_zR4E7lxOhYK2" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">March 2025 Convertible Notes -current (Lee Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,000,000</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr id="xdx_40D_eus-gaap--ConvertibleDebtFairValueDisclosures_iI_hus-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesMember_zrFpqZLhxdFh" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Senior secured convertible notes payable (Lind Note) - fair value</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,651,556</td><td style="text-align: left"> </td></tr> <tr id="xdx_40C_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MayTwoThousandTwentySevenConvertibleNotesMember_z1GUNABSQTci" style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">May 2027 Convertible Notes, related party - noncurrent (ASE Note)</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">9,000,000</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">-</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--NotesPayable_iTI_zDeFcvs4IWVd" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Notes payable</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">12,270,000</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">5,963,556</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table>   The other notes payable were issued to Ainos KY, the controlling shareholder of the Company, in exchange for $800,000 in cash to support working capital of the Company in March 2022 (the "KY Note"). The Company paid off $530,000 of the KY Note during the year ended December 31, 2023. The Company did not repay the KY Note during the three and nine months ended September 30, 2024. The KY Note bear an interest rate of 1.85% per annum. On August 17, 2023, the Company entered into extension agreements with Ainos KY to extend the maturity to March 31, 2025. Another note payable was issued to i2China Management Group, LLC ("i2China") in exchange for consulting services in 2020 (the "i2China Note") the Company paid off the remain outstanding amount of $42,000 with accrued interest on August 16, 2024.   All of the aforementioned convertible promissory notes and other notes payable are unsecured and due upon maturity. Holders of convertible notes have the option to convert some or

the entire unpaid principal and accrued interest to common stock of the Company.   May 2027 Convertible Notes and Warrant Purchase Agreement   On May 3, 2024, The Company entered into Convertible Note and Warrant Purchase Agreement with the ASE Test, Inc. ("ASE"), a shareholder of Ainos KY, for the issuance of convertible promissory notes with <span id="xdx_906_eus-gaap--DebtInstrumentConvertibleThresholdPercentageOfStockPriceTrigger_pid_dp_uPure_c20240503__20240503__us-gaap--TypeOfArrangementAxis__custom--ConvertibleNoteAndWarrantPurchaseAgreementMember_zqHYgzlpkW4k" title="Issuance of convertible promissory notes, percentage">6% compound interest in the aggregate principal amount of $9,000,000 (collectively the "Notes") convertible into shares of common stock, par value $<span id="xdx_907_eus-gaap--DebtInstrumentConvertibleConversionPrice1_iI_c20240503__us-gaap--TypeOfArrangementAxis__custom--ConvertibleNoteAndWarrantPurchaseAgreementMember_zJIhJzyFM1tj" title="Convertible price per share">0.01 per share, of the Company, payable three (3) years from May 3, 2024 as well as the issuance of warrants for the purchase of up to <span id="xdx_904_eus-gaap--ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights_iI_c20240503__us-gaap--TypeOfArrangementAxis__custom--ConvertibleNoteAndWarrantPurchaseAgreementMember__us-gaap--StatementEquityComponentsAxis__us-gaap--CommonStockMember__srt--RangeAxis__srt--MaximumMember_zjowu9UtLCwi" title="Issuance of warrants shares of common stock">500,000 shares of common stock at a price per share of $<span id="xdx_908_eus-gaap--SharesIssuedPricePerShare_iI_c20240503__us-gaap--TypeOfArrangementAxis__custom--ConvertibleNoteAndWarrantPurchaseAgreementMember__us-gaap--StatementEquityComponentsAxis__us-gaap--CommonStockMember_zkNAbIv4as28" title="Price per share, exercisable">4.50, exercisable until May 3, 2029. As of September 30, 2024, the Company received the full amount of the payment.   March 2025 Convertible Notes   On March 13, 2023, the Company entered into two convertible promissory note purchase agreements pursuant to Regulation S of the Securities Act of 1933, as amended, in the total principal amount of $<span id="xdx_902_eus-gaap--ConvertibleNotesPayable_iI_c20230313__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesMember_zJYxZODkXMib" title="Principal debt">3,000,000 with the following investors (the "March 2025 Convertible Notes" or "Notes").   Convertible Note Issued to ASE Test, Inc. (the "ASE Note")   Pursuant to the one of the aforementioned agreements, ASE Test, Inc., a shareholder of Ainos KY, committed to pay a total aggregate amount of $<span id="xdx_900_eus-gaap--ConvertibleNotesPayable_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--ASENoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zyUErypdkDo4" title="Principal debt">2,000,000 to the Company in exchange for convertible promissory note(s) in three tranches in the amounts of $<span id="xdx_90B_ecustom--ConvertibleNotesPayableFirstPayment_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--ASENoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_z5juFFN39uj8" title="Tranche one">1,000,000 (the "First Tranche"), $<span id="xdx_90C_ecustom--ConvertibleNotesPayableSecondPayment_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--ASENoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zIs3OXdawRgh" title="Tranche two">500,000 (the "Second Tranche"), and $<span id="xdx_902_ecustom--ConvertibleNotesPayableThirdPayment_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--ASENoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zFdDvupLnpY7" title="Tranche three">500,000 (the "Third Tranche") conditioned, among other things, on the Company achieving certain business milestones. As of September 30, 2024, the Company received the full amount of the payment.   Convertible Note Issued to Li-Kuo Lee (the "Lee Note")   The Company issued a convertible note in the principal amount of $<span id="xdx_90F_eus-gaap--ConvertibleNotesPayable_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zZa1ZloOyDua" title="Convertible note principal amount">1,000,000 to an unrelated party, Li-Kuo Lee, in exchange of $<span id="xdx_908_eus-gaap--ConvertibleNotesPayable_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zzfG4JYWK314" title="Convertible note principal amount">1,000,000 in cash. As of September 30, 2024, the Company received the full amount of the payment.   The March 2025 Convertible Notes will mature in <span id="xdx_90A_eus-gaap--DebtInstrumentMaturityDateDescription_c20230313__20230313__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zOFjevuBoKfa" title="Maturity date">two years from the issuance dates, bearing interest at the rate of <span id="xdx_90E_eus-gaap--DebtInstrumentInterestRateEffectivePercentage_iI_pid_dp_uPure_c20230313__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zqwPePolMr1" title="Interest rate percentage">6% compounded interest per annum. At any time after the issuance and before the maturity date, the Notes are convertible into the common stock of the Company at the conversion price of $<span id="xdx_907_eus-gaap--DebtInstrumentConvertibleConversionPrice1_iI_c20230313__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_z2AIWBtbLWO9" title="Conversion price per share">7.50 per share, subject to anti-dilutive adjustment as set forth in the Notes. Unless previously converted, the Company shall repay the outstanding principal amount plus all accrued and unpaid interest on the maturity date. The Notes shall be an unsecured general obligation of the Company.   The total interest expense of convertible notes payable, other notes payable, March 2025 Convertible Notes and May 2027 Convertible Notes and Warrant Purchase Agreement for the three and nine months ended September 30, 2024 were $<span id="xdx_90E_eus-gaap--InterestExpenseBorrowings_c20240701__20240930__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zTR3Qh4nlVh1" title="Interest expense">185,078 and $<span id="xdx_907_eus-gaap--InterestExpenseBorrowings_c20240101__20240930__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_ztM7FM5Ww9Ua" title="Interest expense">349,292, respectively, compared with $<span id="xdx_90A_eus-gaap--InterestExpenseBorrowings_c20230701__20230930__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zUlfBNSBYRx" title="Interest expense">41,227 and $<span id="xdx_905_eus-gaap--InterestExpenseBorrowings_c20230101__20230930__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zeVhmN4cXDme" title="Interest expense">86,151 for the same period in year 2023. As of September 30, 2024 and December 31, 2023, the unpaid accrued interest expense was $<span id="xdx_901_eus-gaap--AccruedLiabilitiesCurrentAndNoncurrent_iI_c20240930__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zEHfperufllh" title="Unpaid accrued interest expense">484,635 and $<span id="xdx_901_eus-gaap--AccruedLiabilitiesCurrentAndNoncurrent_iI_c20231231__us-gaap--DebtInstrumentAxis__custom--LeeNoteMember__us-gaap--TypeOfArrangementAxis__custom--ConvertiblePromissoryNotePurchaseAgreementsMember_zMdfPnuXHee" title="Unpaid accrued interest expense">138,939, respectively.   Senior Secured Convertible Notes Payable   On September 25, 2023, the Company entered into a securities purchase agreement (the "SPA") with Lind Global Fund II LP (the "Lind"). The SPA provides for loans in an aggregate principal amount of up to $<span id="xdx_908_eus-gaap--LoansPayable_iI_c20230925__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_z2Cj97UZn5i7" title="Aggregate principal amount">10,000,000 under various tranches to fund clinical trials, commercial product launch and working capital of the Company. The Lind Note does not bear any interest and matures on <span id="xdx_90B_eus-gaap--DebtInstrumentMaturityDate_dd_c20230925__20230925__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zfP9d7BpOlBc" title="Maturity date">March 28, 2025.   In 2023, the Company issued and sold to Lind, in a private placement, (a) a senior secured convertible promissory note in the aggregate principal amount of $<span id="xdx_909_eus-gaap--ConvertibleNotesPayable_iI_c20231231__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zVuMx4HDtCUa" title="Convertible notes payable">3,540,000 (the "Lind Note") and (b) warrants to purchase <span id="xdx_905_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_pid_c20231231__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zq5E73F3718e" title="Warrants issued">691,244 shares of common stock at an exercise price of $<span id="xdx_90E_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20231231__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zYULOpzvfb94" title="Warrants exercise price">4.50 per share of common stock (the "Lind Warrant") for a cash amount of $<span id="xdx_90A_eus-gaap--DebtConversionConvertedInstrumentAmount1_c20231231__20231231__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zw2FkNf78d2b" title="Conversion amount is cash">3,000,000. As of September 30, 2024, the Company received the full amount of the funding.   Subject to the satisfaction of certain conditions, the Company has the right to request additional tranches of funding from Lind in the aggregate amount not to exceed $<span id="xdx_906_ecustom--ConvertibleNotesPayableAdditionalFundingThreshold_iI_pn5n6_c20231231__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zRuOezA16QS" title="Convertible notes payable additional funding">7.0 million (the "Increased Funding Amount"). Lind will receive additional warrants to purchase a number of shares of common stock based on a formula set forth in the Securities Purchase Agreement. Such warrants will expire after five years from the date of issuance and may be exercised on a cashless basis. <span style="font-family: Times New Roman,

Times, Serif; font-size: 10pt"> On January 23, 2024, the Company received an Increased Funding Amount of up to $<span id="xdx_906_eus-gaap--ProceedsFromConvertibleDebt_pn4n6_c20240123__20240123__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zIAc3phh1z74" title="Proceeds from convertible notes payable">1.75 million, with $<span id="xdx_902_eus-gaap--DebtInstrumentFaceAmount_iI_c20240123__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zu8nnWL5gjf" title="Increased funding amount">875,000 funded at closing and $<span id="xdx_902_eus-gaap--DebtInstrumentFaceAmount_iI_c20240123__us-gaap--TypeOfArrangementAxis__custom--SecuritiesPurchaseAgreementMember__dei--LegalEntityAxis__custom--LindGlobalFundTwoLPMember__us-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesPayableMember_zGwV0UWVakV1" title="Increased funding amount">875,000 to be funded subject to an effective registration statement and other conditions specified in the Securities Purchase Agreement, and amended the Initial Note to, among other amendments, increase the principal amount to $4,235,000 (the Initial Note as so amended, the "Note"). In connection with additional funding, the Company issued Lind a warrant to purchase 1,021,400 shares at an exercise price of $2.16 per share (the "Second Lind Warrants and together with the First Lind Warrants, the "Lind Warrants").   Following the earlier to occur of (i) 90 days from the date of the SPA or (ii) the date the resale Registration Statement is declared effective by the SEC, the Lind Note is convertible into shares of the Company's common stock at the option of Lind at any time with the conversion price at lower of $7.50 per share, subject to adjustment, or 90% of the average of the three lowest daily VWAP of the common stock during the 20 trading days prior to conversion, subject to certain adjustments.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; text-align: justify; margin-right: 0; margin-left: 0"><span style="font-family: Times New Roman, Times, Serif; font-size: 10pt">On August 2, 2024, the Company retired its remaining senior secured convertible debt (the "Note") with Lind Global Fund II LP, an institutional investment fund managed by The Lind Partners (together the "Investor"), as a result of conversions by the Investor and payments by the Company, which aggregates at a total of approximately US$1.67 million. The prepayment was made with $1,439,754 in cash and $224,842 through the issuance of 382,384 shares of Common Stock, valued at $0.588 per share. From an accounting perspective, the Lind Note is considered a debt host instrument embedded with an issuer's call and investor's contingent puts, and is issued at substantial discount. The Company elects the fair value option (the "FVO") to account for the Lind Note at fair value and mark to market each quarter. For the three and nine months ended September 30, 2024, the change in the fair value of the Lind Note was recorded in the Statements of Operations in the amount of $177,212 and $275,624 respectively. No portion of the change in fair value was related to changes in credit risk of the Company which would be charged to other comprehensive loss if any. The Company has granted to Lind a senior security interest in all of the Company's right, title, and interest in, to and under all of the Company's property, subject to certain exceptions as set forth in the SPA. The issuance cost including a commitment fee charged by Lind, placement agent fee and warrants, and legal fees is $308,336, which is expensed off due to FVO election. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> <p id="xdx_899_eus-gaap--ScheduleOfDebtTableTextBlock_zZjfmwnuYyXk" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">As of September 30, 2024 and December 31, 2023, the respective notes payable were as follows:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> Schedule of Notes Payable</p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_498_20240930_zuycZxglgsH8" style="border-bottom: Black 1pt solid; text-align: center">September 30,
 2024</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_49C_20231231_zeMke187WF5c" style="border-bottom: Black 1pt solid; text-align: center">December 31,
 2023</td><td style="padding-bottom: 1pt"> </td></tr> <tr id="xdx_401_eus-gaap--OtherNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zUjJ1VThI2Ui" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%; text-align: left">Other notes payable, related party - current</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">270,000</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 16%; text-align: right">42,000</td><td style="width: 1%; text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--OtherLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_z9EFdyFMCk78" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">Other notes payable, related party - noncurrent</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">270,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_40F_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesMember_zGRIYRwfTryl" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">March 2025 Convertible Notes, related party - noncurrent (ASE Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,000,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--ConvertibleNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesMember_zG5rTVkvpGEb" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">March 2025 Convertible Notes, related party -current (ASE Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,000,000</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr id="xdx_401_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--NonrelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesOneMember_zyImf7LtamGe" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">March 2025 Convertible Notes - noncurrent (Lee Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,000,000</td><td style="text-align: left"> </td></tr> <tr id="xdx_407_eus-gaap--ConvertibleNotesPayableCurrent_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--NonrelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MarchTwoThousandTwentyFiveConvertibleNotesOneMember_zR4E7lxOhYK2" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">March 2025 Convertible Notes -current (Lee Note)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,000,000</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr id="xdx_40D_eus-gaap--ConvertibleDebtFairValueDisclosures_iI_hus-gaap--DebtInstrumentAxis__custom--SeniorSecuredConvertibleNotesMember_zrFpqZLhxdFh" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Senior secured convertible notes payable (Lind Note) - fair value</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,651,556</td><td style="text-align: left"> </td></tr> <tr id="xdx_40C_eus-gaap--ConvertibleLongTermNotesPayable_iI_hus-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--DebtInstrumentAxis__custom--MayTwoThousandTwentySevenConvertibleNotesMember_z1GUNABSQTci" style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">May 2027 Convertible Notes, related party – noncurrent (ASE Note)</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">9,000,000</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">-</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--NotesPayable_iTI_zDeFcvs4IWVd" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Notes payable</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">12,270,000</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left">$</td><td style="border-bottom: Black 2.5pt double; text-align: right">5,963,556</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table>
270000420002700002000000200000010000001000000265155690000001227000059635568000005300000.01852025-03-31420000.0690000000.015000004.503000000200000010000005000005000001000000100000000two years from the issuance dates0.067.5018507834929241227861514846351389391000000002025-03-28354000006912444.503000000700000.017500000875000875000423500010214002.167.501670000143975422484238238403840.588-177212-275624-308336 6. Stockholders' Equity   Preferred Stock   The Company increased authorized shares of preferred stock from 10,000,000 shares to 50,000,000 shares upon the filing of an amendment to the Company's Certificate of Formation with the Secretary of State of Texas on November

27, 2023. No shares of preferred stock were issued and outstanding as of September 30, 2024 and December 31, 2023.   Common Stock   During the three months ended September 30, 2024, the Company issued an additional <span id="xdx_90B_eus-gaap--StockIssuedDuringPeriodSharesConversionOfConvertibleSecurities_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--CommonStockMember_z95VvKKXOVZi" title="Conversion of note payable to common stock, shares">656,732 shares of common stock as a result of delivering conversion of the Lind's Note, <span id="xdx_90D_eus-gaap--StockIssuedDuringPeriodSharesRestrictedStockAwardGross_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--CommonStockMember_zr65VBN3QZG7" title="Issuance of stock to settle vested RSUs">268,028 shares of common stock to settle vested RSUs, and <span id="xdx_906_eus-gaap--StockIssuedDuringPeriodSharesOther_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--CommonStockMember_z85Kne74lMhe" title="Issuance of common stock for patent license agreement, shares">5,500,000 shares of common stock in patent licenses agreement. As of September 30, 2024, there were 13,813,434 shares of common stock legally issued and outstanding.   Warrants   As of September 30, 2024 and December 31, 2023, warrants issued and outstanding in connection with financing are summarized as below: Schedule of Warrants Issued and Outstanding <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 80%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_49D_20240930_zdI8WJ3SbG7h" style="font-weight: bold; text-align: center">September 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_491_20231231_z88w7S5UBKQl" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="border-bottom: Black 1pt solid; font-weight: bold">(In number of shares)</td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr id="xdx_405_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_hus-gaap--ClassOfWarrantOrRightAxis__custom--ASEWarrantMember_z3sgBHBg8pj7" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%">ASE Warrant with exercise price $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_90E_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--ASEWarrantMember_zg5WMwfU9Db4" title="Exercise price">4.5</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 16%; text-align: right">500,000</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 16%; text-align: right">-</td><td style="width: 1%; text-align: left"> </td></tr> <tr id="xdx_408_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_hus-gaap--ClassOfWarrantOrRightAxis__custom--LindWarrantMember_zRh1EzRTd9Vk" style="vertical-align: bottom; background-color: White"> <td style="text-align: left">Lind Warrant with exercise price from $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_903_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--LindWarrantMember__srt--RangeAxis__srt--MinimumMember_zBfRCmOWfih8" title="Exercise price">2.16 to $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_90D_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--LindWarrantMember__srt--RangeAxis__srt--MaximumMember_zsoqUNhOktS2" title="Exercise price">4.50</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,201,944</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">691,244</td><td style="text-align: left"> </td></tr> <tr id="xdx_406_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_hus-gaap--ClassOfWarrantOrRightAxis__custom--PublicWarrantMember_zk81VoeSufR9" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Public warrant with exercise price of $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_908_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--PublicWarrantMember_zgQetnwjCkz4" title="Exercise price">21.25</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">179,400</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">179,400</td><td style="text-align: left"> </td></tr> <tr id="xdx_40E_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_hus-gaap--ClassOfWarrantOrRightAxis__custom--RepresentativeWarrantMember_z1JAcnBU35g3" style="vertical-align: bottom; background-color: White"> <td>Representative's warrant with exercise price of $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_905_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--RepresentativeWarrantMember_zBVtKUUR06yi" title="Exercise price">23.375</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">7,800</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">7,800</td><td style="text-align: left"> </td></tr> <tr id="xdx_40B_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_hus-gaap--ClassOfWarrantOrRightAxis__custom--PlacementAgentWarrantMember_zsJAZ91MDIqj" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 1pt">Placement agent warrant with exercise price of $<span class="xdx_phnt_RGlzY2xvc3VyZSAtIFNjaGVkdWxlIG9mIFdhcnJhbnRzIElzc3VlZCBhbmQgT3V0c3RhbmRpbmcgKERldGFpbHMpIChQYXJlbnRoZXRpY2FsKQA_" id="xdx_90D_eus-gaap--ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1_iI_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--PlacementAgentWarrantMember_z00yqa63twDh" title="Exercise price">8.25</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">20,666</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">16,000</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_404_eus-gaap--ClassOfWarrantOrRightOutstanding_iI_zbIp3zjw9m9i" style="vertical-align: bottom; 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As discussed in Note 5, the Company issued the Lind Warrants on September 28, 2023 in connection with the private placement of the Lind Note. The Company further issued <span id="xdx_908_eus-gaap--ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights_iI_pid_c20240930__us-gaap--ClassOfWarrantOrRightAxis__custom--PlacementAgentWarrantMember_zONqTbUCAsq4" title="Warrant issued">20,666 shares of warrants with an exercise price of $8.25 per share to the placement agent as the agent fee. Each warrant has a contractual term of 5 years and can be exercised for the purchase of one share of common stock of the Company. The carrying amount of the Lind Warrant is nil after allocating proceeds to the Lind Note measured at fair value. The fair value of the placement agent warrant is estimated as $21,479 using the Black-Scholes Model.   As disclosed in Note 1, the Company issued public warrants together with common stock in connection with its underwritten public offering effective August 8, 2022. The Company further issued private warrants to Maxim Group LLC, as representative of the underwriter pursuant to an underwriting agreement. Each warrant has a contractual term of 5 years, expiring on August 8, 2027, and can be exercised for the purchase of one share of common stock of the Company.   The Company accounts for warrants as either equity-classified or liability-classified instruments based on an assessment of the instruments' specific terms and applicable authoritative guidance in ASC 480, Distinguishing Liabilities from Equity (the "ASC480), and ASC 815, Derivatives and Hedging (the "ASC 815"). The assessment considers whether the instruments are free standing financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and whether the instruments meet all of the requirements for equity classification under ASC 815, including whether the instruments are indexed to the Company's own common shares and whether the instrument holders could potentially require "net cash settlement" in a circumstance outside of the Company's control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent period end date while the instruments are outstanding. Management has concluded that the warrants issued in connection with the underwritten public offering and the private placement of Lind Note qualify for equity accounting treatment and are recorded as additional paid-in capital.   In addition, the warrant issued by the Company to i2China in 2020 in exchange for consulting services is accounted for under ASC 718, Compensation – Stock Compensation (see Note 8).   <span style="font-family: Times New Roman, Times, Serif; font-size:

10pt">As of September 30, 2024, none of the warrants have been exercised nor have expired.
1000000050000000000065673226802855000001381343413813434 As of September 30, 2024 and December 31, 2023, warrants issued and outstanding in connection with financing are summarized as below: Schedule of Warrants Issued and Outstanding <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 80%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_49D_20240930_zdI8WJ3SbG7h" style="font-weight: bold; text-align: center">September 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" id="xdx_491_20231231_z88w7S5UBKOl" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="border-bottom: Black 1pt solid; font-weight: bold">(In number of shares)</td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; 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4.55000002.164.501201944691244212517940017940023.3757800780082.252066616000190981089444450000004.50206668.25P5Y21479P5Y0 7. Revenue   Revenue is recognized upon shipment of products based upon contractually stated pricing at standard payment terms within 30 to 60 days. The revenue generated by product sales is recognized at point in time.   The Company generated revenue from sales of COVID-19 Antigen Rapid Test Kits in the Taiwan market for the three and nine months ended September 30, 2023. There was no revenue recognized from performance obligation satisfied or partially satisfied in prior periods, nor were there any unsatisfied performance obligations related to the sales of COVID-19 Test Kits as of September 30, 2024 and December 31, 2023.   The Company generated revenue from sales of VELDONA Pet cytoprotein supplements in the Taiwan market through on-line platforms that were recognized after the expiration of right of return which was offered for a limited time. Revenue from sales through off-line distribution channels was recognized based on the amount of consideration that we expected to receive, reduced by estimates for return allowances, promotional discounts, and fees. Nil of contract liabilities was recorded for the cash received in advance from distribution channels as of September 30, 2024.   Return Allowances   Return allowances, which reduce revenue and cost of sales, are estimated using historical experience. Liabilities for return allowances are included in "Accrued expenses and others current liabilities".   Variable consideration   We record revenue from customers in an amount that reflects the transaction price we expect to be entitled to after transferring control of those goods. From time to time, we offer product sales promotions such as discounts. Variable consideration is estimated at contract inception only to the extent that it is probable that a significant reversal of revenue will not occur.   8. Share-Based Compensation   2023 Stock Incentive Plan   The Company effectuated an amendment to its 2021 Stock Incentive Plan, now restated as the Company 2023 Stock Incentive Plan (the "2023 SIP" or "Plan") which includes, among other things, a change in the number of reserved shares under the Plan. Under the 2023 SIP, subject to a change in capital structure or a change in control, the aggregate number of shares which may be issued or transferred pursuant to awards under the Plan will be equal to up to twenty percent (20%) of shares of outstanding common stock of the Company existing as of December 31st of the previous calendar year (the "Plan Share Reserve"). Upon the effectiveness of the 2023 SIP on June 14, 2023, the aggregate number of shares which may be issued pursuant to awards under the Plan is 871,075 shares of common stock, including shares that remained available for grant under the 2021 Stock Incentive Plan. On July 19, 2024, the Company filed Form S-8 to increase the aggregate number of shares may be issued to 946,432 shares of common stock including shares that remained available for grant under the 2021 Stock Incentive Plan. As of September 30, 2024, <span id="xdx_905_eus-gaap--EmployeeStockOwnershipPlanESOPSharesInESOP_iI_c20240930__us-gaap--AwardTypeAxis__custom--TwoThousandTwentyThreeStockIncentivePlanMember_zPzKxS06WmSf" title="Aggregate number of shares granted">1,816,632 shares have been granted under the 2023 SIP.   2021 Stock Incentive Plan   On September 28, 2021, the Company's board of directors, and on May 16, 2022, its shareholders approved the 2021 Stock Incentive Plan (the "2021 SIP"). During the period from January 1, 2023 up to the date that the prior plan was superseded by the 2023 SIP, no shares were granted under the 2021 SIP.   2021 Employee Stock Purchase Plan <span

style="font-family: Times New Roman, Times, Serif; font-size: 10pt"> On September 28, 2021, the Company's board of directors, and on May 16, 2022, its shareholders approved the 2021 Employee Stock Purchase Plan (the "2021 ESPP"). As of September 30, 2024, <span id="xdx_903_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber_iI_do_c20240930__us-gaap--PlanNameAxis__custom--TwoThousandTwentyOneEmployeeStockPurchasePlanMember_zmancujZCMp9" title="Share-based compensation arrangement by share-based payment award, options, outstanding, number">no shares were issued under the 2021 ESPP.   Restricted Stock Units ("RSUs")   RSUs entitle the recipient to be paid out an equal number of common stock shares upon vesting. The fair value of RSUs is based on market price of the underlying stock on the date of grant. A summary of the Company's RSUs activity and related information for the three and nine months ended September 30, 2024 and for the three and nine months ended September 30, 2023 were as follows: Schedule of Restricted Stock Units <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td><td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="text-align: center"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Number of
 Shares</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Weighted-Average
 Grant Date Fair
 Value Per Share</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Number of
 Shares</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Weighted-Average
 Grant Date Fair
 Value Per Share</td><td style="padding-bottom: 1pt"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 36%; text-align: left">Unvested balance at January 1</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td id="xdx_987_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zA6NRf1BQNol" style="width: 12%; text-align: right" title="Number of Shares, Beginning">954,306</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 12%; text-align: right">4.39</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td id="xdx_98C_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zQSzbH4MRcze" style="width: 12%; text-align: right" title="Number of Shares, Beginning">160,000</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 12%; text-align: right">12.08</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td><td style="text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zrtFzxlOg2qi" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98B_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zO3mBsKuIAQh" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_98E_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zvcLMr5T3lBe" style="text-align: right" title="Number of Shares, RSUs vested">(133,964</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">5.74</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zHOjI1LmRCKl" style="text-align: right" title="Number of Shares, RSUs vested">(5,866</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">55.50</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98C_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zlaCSk6NBSs8" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(5,950</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.46</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98A_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zTdjCWI9aCRF" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(7,600</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">7.15</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Unvested balance at March 31</td><td> </td> <td style="text-align: left"> </td><td id="xdx_984_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zdDAait5qHbd" style="text-align: right" title="Number of Shares, Beginning">814,392</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">4.18</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98E_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zXLi8OrRLEpj" style="text-align: right" title="Number of Shares, Beginning">146,534</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right"><span id="xdx_901_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue_iS_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_za9LhU5fBHRl" title="Weighted-Average Grant Date Fair Value Per Share, Beginning">10.60</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td id="xdx_983_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zbB5tYD2YuY7" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><span id="xdx_903_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zUBHKEvbXjG6" title="Weighted-Average Grant Date Fair Value Per Share, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zcXCYvs3bRhl" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCuH7KXp8w6h" style="text-align: right" title="Number of Shares, RSUs vested">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <td> </td> <td style="text-align: left"> </td><td id="xdx_986_eus-gaap--

ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zoC6a3CnI224" style="text-align: right" title="Number of Shares, RSUs vested">(20,220</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">6.69</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98A_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zoHfAr43AmE4" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(4,410</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">4.16</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zKWB6aBCa2Wf" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(6,970</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">6.38</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Unvested balance at June 30</td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zn23pbgTacr6" style="text-align: right" title="Number of Shares, Beginning">809,982</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">4.18</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zSQYj714uANa" style="text-align: right" title="Number of Shares, Beginning">119,344</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">11.51</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zxmL9J6yBep" style="text-align: right" title="Number of Shares, RSUs granted">946,432</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">0.53</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_ziCn0fHEO8ri" style="text-align: right" title="Number of Shares, RSUs granted">870,200</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">3.46</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zONYF2aIGPlj" style="text-align: right" title="Number of Shares, RSUs vested">(268,028</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right"><span id="xdx_90B_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_z4COG9llAvvb" title="Weighted-Average Grant Date Fair Value Per Share, RSUs vested">1.91</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCl09eaO2bQ2" style="text-align: right" title="Number of Shares, RSUs vested">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_983_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zeyarYygLpe7" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(8,400</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.46</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCP92gijus14" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(8,220</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.92</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 2.5pt">Unvested balance at September 30</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iE_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zuW0hbbIgiUl" style="border-bottom: Black 2.5pt double; text-align: right" title="Number of Shares, Ending">1,479,986</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right">2.26</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td id="xdx_986_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iE_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zIAA8o9CsST2" style="border-bottom: Black 2.5pt double; text-align: right" title="Number of Shares, Ending">981,324</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right"><span id="xdx_90D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue_iE_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zkOTZECPvora" title="Weighted-Average Grant Date Fair Value Per Share, Ending">4.43</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table>   Stock Options and Warrants   During the three and nine months ended September 30, 2024 and 2023, <span id="xdx_90B_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross_do_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zOGhesSiEeK9" title="Share-based compensation arrangement by share-based payment award, options, grants in period, gross"><span id="xdx_90A_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod_do_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zh2rAojeJo98" title="Share-based compensation arrangement by share-based payment award, options, forfeitures and expirations in period"><span id="xdx_902_eus-gaap--StockIssuedDuringPeriodSharesStockOptionsExercised_do_c20240701__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zSxSv4qvwzMf" title="Share-based compensation arrangement by share-based payment award, options, exercises in period"><span id="xdx_904_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross_do_c20240101__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zZpWRjF9i8c6" title="Share-based compensation arrangement by share-based payment award, options, grants in period, gross"><span id="xdx_903_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod_do_c20240101__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zMNPWpwxfxnk" title="Share-based compensation arrangement by share-based payment award, options, forfeitures and expirations in period"><span id="xdx_907_eus-gaap--StockIssuedDuringPeriodSharesStockOptionsExercised_do_c20240101__20240930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zSMdofuSUSS7" title="Share-based compensation arrangement by share-based payment award, options, exercises in period"><span id="xdx_90B_eus-gaap--

ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross_do_c20230701__20230930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zcspbdFOMpD3" title="Share-based compensation arrangement by share-based payment award, options, grants in period, gross"><span id="xdx_902_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod_do_c20230701__20230930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_zHGyZUiwUPYf" title="Share-based compensation arrangement by share-based payment award, options, forfeitures and expirations in period"><span id="xdx_902_eus-gaap--StockIssuedDuringPeriodSharesStockOptionsExercised_do_c20230701__20230930__us-gaap--StatementEquityComponentsAxis__us-gaap--WarrantMember_z5bqg41JetJ3" title="Share-based compensation arrangement by share-based payment award, options, exercises in period">no shares were granted, forfeited, expired or exercised. As of September 30, 2024, there were 7,332 shares in the form of stock options and 6,034 shares in the form of warrants outstanding are all vested and exercisable.   Share-Based Compensation Expense   Shared-based compensation expense for the three and nine months ended September 30, 2024 ware $470,791 and $1,318,868, respectively, compared to the three and nine months ended September 30, 2023 amount of $324,842 and $682,833, respectively.   As of September 30, 2024, the total unrecognized compensation cost related to outstanding RSUs, stock options and warrants was $2,461,580, which the Company expects to recognize over a weighted-average period of 1.86 years.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p> 871075946432181663 20<p id="xdx_897_eus-gaap--ScheduleOfUnvestedRestrictedStockUnitsRollForwardTableTextBlock_zKlR2YTHnD39" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> Schedule of Restricted Stock Units</p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="text-align: center"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Number of
 Shares</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Weighted-Average
 Grant Date Fair
 Value Per Share</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Number of
 Shares</td><td style="padding-bottom: 1pt"> </td><td style="padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; text-align: center">Weighted-Average
 Grant Date Fair
 Value Per Share</td><td style="padding-bottom: 1pt"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 36%; text-align: left">Unvested balance at January 1</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td id="xdx_987_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zA6NRf1BQNol" style="width: 12%; text-align: right" title="Number of Shares, Beginning">954,306</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 12%; text-align: right">4.39</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td id="xdx_98C_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zQSzbH4MRcze" style="width: 12%; text-align: right" title="Number of Shares, Beginning">160,000</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 12%; text-align: right">12.08</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td><td style="text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zrtFzxlOg2qi" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98B_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zO3mBsKuIAQh" style="text-align: right" title="Number of Shares, RSUs granted">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_98E_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zvcLMr5T3lBe" style="text-align: right" title="Number of Shares, RSUs vested">(133,964</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">5.74</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zHOjI1LmRCKl" style="text-align: right" title="Number of Shares, RSUs vested">(5,866</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">55.50</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98C_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240101__20240331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zIaCSk6NBSs8" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(5,950</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.46</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98A_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230101__20230331__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zTdjCWI9aCRf" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(7,600</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">7.15</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Unvested balance at March 31</td><td> </td> <td style="text-align: left"> </td><td id="xdx_984_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zdDAait5qHbd" style="text-align: right" title="Number of Shares, Beginning">814,392</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">4.18</td>

<td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98E_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zXLi8QrRLEpj" style="text-align: right" title="Number of Shares, Beginning">146,534</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">10.60</td> <td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td id="xdx_983_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zbB5tYD2YuY7" style="text-align: right" title="Number of Shares, RSUs granted"></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zcXCYvs3bRhl" style="text-align: right" title="Number of Shares, RSUs granted"></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCuH7KXp8w6h" style="text-align: right" title="Number of Shares, RSUs vested">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_986_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zoC6a3CnI224" style="text-align: right" title="Number of Shares, RSUs vested">(20,220</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">6.69</td> <td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td> <td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_98A_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240401__20240630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zoHfAr43AmE4" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(4,410</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">4.16</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230401__20230630__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zKWB6aBCa2Wf" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(6,970</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">6.38</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Unvested balance at June 30</td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zn23pbgTacr6" style="text-align: right" title="Number of Shares, Beginning">809,982</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">4.18</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iS_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zSQYj714uANa" style="text-align: right" title="Number of Shares, Beginning">119,344</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">11.51</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td id="xdx_989_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zxmL9J6yBep" style="text-align: right" title="Number of Shares, RSUs granted">946,432</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">0.53</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_988_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_ziCn0fHEO8ri" style="text-align: right" title="Number of Shares, RSUs granted">870,200</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">3.46</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">RSUs vested</td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zONYF2aIGPlj" style="text-align: right" title="Number of Shares, RSUs vested">(268,028</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">1.91</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod_iN_di_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCl09eaO2bQ2" style="text-align: right" title="Number of Shares, RSUs vested">-</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">-</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: White"> <td style="text-align: left; padding-bottom: 1pt">RSUs forfeited</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_983_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zeyarYygLpe7" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(8,400</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.46</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td id="xdx_981_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod_iN_di_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zCP92gijus14" style="border-bottom: Black 1pt solid; text-align: right" title="Number of Shares, RSUs forfeited">(8,220</td><td style="padding-bottom: 1pt; text-align: left">)</td><td style="padding-bottom: 1pt"> </td> <td style="padding-bottom: 1pt; text-align: left">$</td><td style="padding-bottom: 1pt; text-align: right">3.92</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 2.5pt">Unvested balance at September 30</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td id="xdx_98D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iE_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zuW0hbbIgiU" style="border-bottom: Black 2.5pt double; text-align: right" title="Number of Shares, Ending">1,479,986</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right"><span id="xdx_901_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue_iE_c20240701__20240930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_z0nLzTdmtcN1" title="Weighted-Average Grant Date Fair Value Per Share, Ending">2.26</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td

id="xdx_986_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber_iE_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zIAA8o9CsST2" style="border-bottom: Black 2.5pt double; text-align: right" title="Number of Shares, Ending">981,324</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td><td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right"><span id="xdx_90D_eus-gaap--ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue_iE_c20230701__20230930__us-gaap--AwardTypeAxis__us-gaap--RestrictedStockUnitsRSUMember_zkOTZECPvora" title="Weighted-Average Grant Date Fair Value Per Share, Ending">4.43</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr></table>
9543064.3916000012.081339645.74586655.5059503.4676007.158143924.1814653410.60202206.6944104.1669706.388099824.1811934411.519464320.538702003.462680281
id="xdx_809_eus-gaap--IncomeTaxDisclosureTextBlock_zzP6T9JKFuN5" style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">9. Income Taxes   The Company did not record a federal, state, or foreign income tax provision or benefit for the three and nine months ended September 30, 2024 and 2023 due to the expected loss before income taxes to be incurred for the years ended December 31, 2024 and 2023, as well as the Company's continued maintenance of a full valuation allowance against its net deferred tax assets due to its historical deficit.   10. Net Loss per Common Share   The following table sets forth the computation of the basic and diluted net loss per share attributable to common stockholders: Schedule of Basic and Diluted Net Loss Per Share <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="display: none; vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_491_20240701__20240930_zqXeXDNBu3xa" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_492_20230701__20230930_zfu3YahLax3e" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_49E_20240101__20240930_zDuE9qenhsRd" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" id="xdx_494_20230101__20230930_zWyG6NqJSCm3" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">Three Months Ended September 30,</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="6" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">Nine Months Ended September 30,</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1pt"> </td> <td colspan="2" style="border-bottom: Black 1pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1pt; font-weight: bold"> </td></tr> <tr id="xdx_40C_eus-gaap--NetIncomeLoss_z0yM4b4EYIAj" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 36%; text-align: left">Net loss attributable to common stockholders, basic and diluted</td><td style="width: 2%"> </td> <td style="width: 1%; 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text-align: center">2023</td><td style="padding-bottom: 1pt"> </td></tr> <tr id="xdx_405_eus-gaap--AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount_hus-gaap--AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis__custom--StockOptionsAndRestrictedStockUnitsMember_z51xK4El3Wo5" style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 36%; text-align: left">Option and RSUs to purchase common stock</td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 12%; text-align: right">1,487,318</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 12%; text-align: right">988,656</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 12%; text-align: right">1,487,318</td><td style="width: 1%; text-align: left"> </td><td style="width: 2%"> </td> <td style="width: 1%; 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background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 1pt">Convertible note to purchase common stock</td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">2,480,565</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">1,329,709</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom:

1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">2,480,565</td><td style="padding-bottom: 1pt; text-align: left"> </td><td style="padding-bottom: 1pt"> </td> <td style="border-bottom: Black 1pt solid; text-align: left"> </td><td style="border-bottom: Black 1pt solid; text-align: right">1,329,709</td><td style="padding-bottom: 1pt; text-align: left"> </td></tr> <tr id="xdx_40A_eus-gaap--AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount_zKNMzN9UMlv6" style="vertical-align: bottom; background-color: White"> <td style="padding-bottom: 2.5pt">Total potential shares</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td style="border-bottom: Black 2.5pt double; text-align: right">5,883,727</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td style="border-bottom: Black 2.5pt double; text-align: right">2,983,095</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td style="border-bottom: Black 2.5pt double; text-align: right">5,883,727</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 2.5pt double; text-align: left"> </td><td style="border-bottom: Black 2.5pt double; text-align: right">2,983,095</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 14873189886561487318988656191584466473019158446647302480565132970924805651329709588372729830955883727298309 5 11. Related Party Transactions   The following is a summary of related party transactions that met our disclosure threshold: Working Capital Advances   The proceeds of the KY Note and ASE Note (see Note 5) were used for working capital advances. The total interest expense incurred in related to the notes for the three and nine months ended September 30, 2024 were $<span id="xdx_907_eus-gaap--InterestExpenseDebt_c20240701__20240930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zBvFbICXpbu9" title="Interest expense incurred related party">168,950 and $<span id="xdx_90A_eus-gaap--InterestExpenseDebt_c20240101__20240930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zPejLzaNTJH6" title="Interest expense incurred related party">301,805, respectively, compared to $<span id="xdx_901_eus-gaap--InterestExpenseDebt_c20230701__20230930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zyMBAEBv8ny4" title="Interest expense incurred related party">26,103 and $<span id="xdx_909_eus-gaap--InterestExpenseDebt_c20230101__20230930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember_zXQNSRBFBA52" title="Interest expense incurred related party">52,944, for the three and nine months ended September 30, 2023, respectively. As of September 30, 2024 and December 31, 2023, unpaid accrued interest expenses were $389,437 and $87,632, respectively.   Purchase and Sales   Ainos COVID-19 Test Kits Sales and Marketing Agreement with Ainos KY   On June 14, 2021, the Company entered into an exclusive agreement with Ainos KY to serve as the master sales and marketing agent for the Ainos COVID-19 Antigen Rapid Test Kit and COVID-19 Nucleic Acid Test Kit which were developed and manufactured by Taiwan Carbon Nano Technology Corporation (the "TCNT"), a controlling shareholder of Ainos KY (the "Sales and Marketing Agreement"). On June 7, 2021, the Taiwan Food and Drug Administration (the "TFDA") approved emergency use authorization (the "EUA") to TCNT for the Ainos COVID-19 Antigen Rapid Test Kit sold and marketed under the "Ainos" brand in Taiwan. On June 21, 2022, the Company began marketing the Ainos SARS-CoV-2 Antigen Rapid Self-Test (together with Ainos COVID-19 Antigen Rapid Test Kit, the "COVID-19 Antigen Rapid Test Kits") under a separate EUA issued by the TFDA to TCNT on June 13, 2022.   The Company incurred costs associated with manufacturing COVID-19 Antigen Rapid Test Kits by TCNT pursuant to the Sales and Marketing Agreement, totaling <span id="xdx_905_eus-gaap--CostOfRevenue_dxL_c20240701__20240930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--TypeOfArrangementAxis__custom--SalesAndMarketingAgreementMember_zIFPzgnyKnU9" title="Cost of revenue::XDX::-"><span id="xdx_902_eus-gaap--CostOfRevenue_dxL_c20240101__20240930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--TypeOfArrangementAxis__custom--SalesAndMarketingAgreementMember_zeZKvgHiKwzb" title="Cost of revenue::XDX::-">nil for the three and nine months ended September 30, 2024 compared with the amount for the three and nine months ended September 30, 2023 of <span id="xdx_903_eus-gaap--CostOfRevenue_dxL_c20230701__20230930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--TypeOfArrangementAxis__custom--SalesAndMarketingAgreementMember_zNAmqy8K9yFl" title="Cost of revenue::XDX::-">nil and $<span id="xdx_90C_eus-gaap--CostOfRevenue_c20230101__20230930__us-gaap--RelatedPartyTransactionsByRelatedPartyAxis__us-gaap--RelatedPartyMember__us-gaap--TypeOfArrangementAxis__custom--SalesAndMarketingAgreementMember_z1Ea5vNK8u8e" title="Cost of revenue">46,635 respectively.   Manufacturing Service Agreement with TNCT for the VELDONA Pet cytoprotein supplements   On August 28, 2023, the Company entered into a manufacturing service agreement with TCNT, together with another third-party vendor, to manufacture pet supplement products. The Company incurred costs totaling $39,523 for the three and nine months ended September 30, 2023 and nil for the three and nine months ended September 30, 2024.   As of September 30, 2024 and December 31, 2023, the accounts payable to TCNT were <span id="xdx_909_eus-gaap--AccountsPayableCurrentAndNoncurrent_iI_dxL_c20240930__srt--ProductOrServiceAxis__custom--COVID19AntigenRapidTestKitsSalesMember__us-gaap--TypeOfArrangementAxis__custom--ManufacturingServiceAgreementMember_zLwuZAJlYMmg" title="Accounts payable::XDX::-">nil and $<span id="xdx_900_eus-gaap--AccountsPayableCurrentAndNoncurrent_iI_c20231231__srt--ProductOrServiceAxis__custom--COVID19AntigenRapidTestKitsSalesMember__us-gaap--TypeOfArrangementAxis__custom--ManufacturingServiceAgreementMember_zi6fxk0xtQb3" title="Accounts payable">323, respectively; and prepayment for COVID-19 Antigen Rapid Test Kits were $<span id="xdx_909_eus-gaap--AccountsReceivableNet_iI_c20240930__srt--ProductOrServiceAxis__custom--COVID19AntigenRapidTestKitsSalesMember__us-gaap--TypeOfArrangementAxis__custom--ManufacturingServiceAgreementMember_zwlUfZAo6Lak" title="Accounts receivable, prepayment">16,785 and $<span id="xdx_90D_eus-gaap--AccountsReceivableNet_iI_c20231231__srt--ProductOrServiceAxis__custom--COVID19AntigenRapidTestKitsSalesMember__us-gaap--TypeOfArrangementAxis__custom--ManufacturingServiceAgreementMember_zeXm4T14UO11" title="Accounts receivable, prepayment">27,208, respectively.   COVID-19 Antigen Rapid Test Kits Sales   The Company sold COVID-19 Antigen Rapid Test Kits to affiliates of ASE Test Inc., totaling nil for the three and nine months ended September 30, 2024 compared with the three and nine months ended September 30, 2023 amount of $21,224 and $33,765, respectively. As of September 30, 2024, and December 31, 2023, the accounts receivable to aforementioned related parties were nil, respectively.   Product Co-development Agreement   Pursuant to a five-year Product Co-development Agreement effective on August 1, 2021 (the "Product Co-Development Agreement") with TCNT, the development expenses incurred were $<span id="xdx_904_eus-gaap--ResearchAndDevelopmentExpense_c20240701__20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember_zDDdGbdMlRDi" title="Development expenses incurred">98,823 and $<span id="xdx_904_eus-gaap--ResearchAndDevelopmentExpense_c20240101__20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember_z3cF3bLbdhHf" title="Development expenses incurred">290,661 for the three and nine months ended September 30,2024, respectively, compared to $<span id="xdx_907_eus-gaap--ResearchAndDevelopmentExpense_c20230701__20230930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember_z1ZfgINXPoUf" title="Development expenses incurred">135,606 and $<span id="xdx_90B_eus-gaap--ResearchAndDevelopmentExpense_c20230101__20230930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember_zUElmq7zbnR9" title="Development expenses incurred">287,802 for the three and nine months ended September 30, 2023, respectively.   As part of the Addendum Agreement entered on July 8, 2024, TCNT provided non-exclusive use of certain patents related to VOC and POCT technologies for a monthly fee of $<span id="xdx_90E_eus-gaap--PaymentsForFees_c20240701__20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__dei--LegalEntityAxis__custom--TaiwanCarbonNanoTechnologyCorporationMember__us-gaap--

FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zyFHeQkgYSPb" title="Non exclusive use of patents fee">95,000 (plus <span id="xdx_909_ecustom--IndirectTaxRate_iI_pid_dp_uPure_c20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__dei--LegalEntityAxis__custom--TaiwanCarbonNanoTechnologyCorporationMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zZCWjArWUvT4" title="Indirect tax rate">5% indirect tax), with negotiable payment terms for extend another three months from July 2024 to September 2024. The fee for non-exclusive use of patents were $<span id="xdx_904_eus-gaap--PaymentsForFees_c20240701__20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zUtxtryfKrXf" title="Non exclusive use of patents fee">286,675 and $<span id="xdx_90F_eus-gaap--PaymentsForFees_c20240101__20240930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zE0TVE9lrN7h" title="Non exclusive use of patents fee">856,537 for the three and nine months ended September 30, 2024 and <span id="xdx_909_eus-gaap--PaymentsForFees_dxL_c20230701__20230930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zLVumvtiFDEb" title="Non exclusive use of patents fee::XDX::-"><span id="xdx_905_eus-gaap--PaymentsForFees_dxL_c20230101__20230930__us-gaap--TypeOfArrangementAxis__custom--ProductCoDevelopmentAgreementMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zPTV01lCNyH2" title="Non exclusive use of patents fee::XDX::-">nil for the three and nine months ended September 30, 2023, respectively. Advance payment $33,830 and $ 26,511 as of September 30, 2024 and December 31, 2023, respectively.   Patent license agreement   On August 6, 2024, the Company entered into a patent license agreement (the “License Agreement”) with TCNT, as an effort to bolster the Company’s AI Nose and point-of-care testing (POCT) technologies while preserving cash. As of August 5, 2024, prior to TCNT entering into the License Agreement, TCNT controlled, via its majority interest in Ainos Inc., a Cayman Islands corporation (“Ainos KY”) which is a party to certain previously disclosed Voting Agreements, approximately <span id="xdx_906_ecustom--VotingInterestPercentage_iI_pid_dp_uPure_c20240805__us-gaap--TypeOfArrangementAxis__custom--PatentLicenseAgreementMember__srt--OwnershipAxis__custom--TaiwanCarbonNanoTechnologyCorporationMember_zablYOd1Pg53" title="Voting interest percentage">38% of the voting power of the Company. Pursuant to the License Agreement, TCNT has agreed to assign and grant, and the Company has agreed to accept, an exclusive, irrevocable, and perpetual license of certain invention patents and patent applications related to gas sensors and medical devices (the “Licensed Patents”), in exchange for <span id="xdx_90B_eus-gaap--SharesIssued_iI_c20240805__us-gaap--TypeOfArrangementAxis__custom--PatentLicenseAgreementMember__srt--OwnershipAxis__custom--TaiwanCarbonNanoTechnologyCorporationMember_zoIqlwMnydi3" title="Issuance of common stock">5,500,000 shares of the Company’s common stock (the “Common Stock”), at a price per share of 1.05 times the highest closing sale price of the Common Stock during the 30-trading day period preceding the effective date of the License Agreement. The License Agreement shall remain in effect until terminated by mutual written agreement of the parties, or until the expiration of the Licensed Patents, or all claims for alleged infringement of the Licensed Patents are barred by applicable laws. Following the issuance of the <span id="xdx_909_eus-gaap--SharesIssued_iI_pn5n6_c20240805__us-gaap--TypeOfArrangementAxis__custom--PatentLicenseAgreementMember__srt--OwnershipAxis__custom--TaiwanCarbonNanoTechnologyCorporationMember_z2ooESwc2hyf" title="Issuance of common stock">5.5 million shares of stock, TCNT controls the company through its majority interest in Ainos KY, and its direct ownership in the Company. Ainos KY is a shareholder of the Company and a party to certain previously disclosed Voting Agreements, and controls approximately 62.8% of the Company’s voting power as of November 6, 2024.   Miscellaneous   The Company engaged Ms. Chien-Hsuan Huang as a medical device development consultant in September 2022 for one year. Ms. Huang is the spouse of one of the board of directors of the Company. The R&D expense was nil for the three and nine months ended September 30, 2024 and $12,377 and $51,721 for the three and nine months ended September 30, 2023, respectively.
168950301805261035294438943787632466353952339523332316785272082122433765988232906611356062878029500000.052866758565373383026511038550000055000000
12. Commitments and Contingencies   The Company operates in an industry characterized by extensive patent litigation. Competitors may claim that the Company’s products infringe upon their intellectual property. Resolution of patent litigation or other intellectual property claims is typically time consuming and costly and can result in significant damage awards and injunctions that could prevent the manufacture and sale of the affected products or require the Company to make significant royalty payments in order to continue selling the affected products. As of September 30, 2024, there were no such commitments or contingencies.   The company record for the cash received in advance $110,142 as contract liabilities from distribution channels, the company will expect to realize the revenue in the near future, however, there can be adjusted due to the company’s strategy.
110142 13. Subsequent Events   Related Party Transaction   Extend agreements   As part of the Addendum Agreement entered into on October 16, 2024 as disclosed in Note 11, TCNT will provide exclusive use of certain patents related to VOC, POCT and nitrogen-oxygen separation machine technologies for a monthly fee of $<span id="xdx_907_eus-gaap--OtherExpenses_c20241016__20241016__us-gaap--SubsequentEventTypeAxis__us-gaap--SubsequentEventMember__us-gaap--TypeOfArrangementAxis__custom--ExtendAgreementsMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zXT9MjgKBuv" title="Exclusive use of patents fee">50,000 (plus <span id="xdx_906_ecustom--IndirectTaxRate_iI_c20241016__us-gaap--SubsequentEventTypeAxis__us-gaap--SubsequentEventMember__us-gaap--TypeOfArrangementAxis__custom--ExtendAgreementsMember__us-gaap--FiniteLivedIntangibleAssetsByMajorClassAxis__us-gaap--PatentsMember_zVNmk8bQet14" title="Indirect tax rate">5% indirect tax) for twelve months from October 16, 2024, with negotiable payment terms.   Repayment of note payable (the “KY Note”)   On October 7, 2024, the company has repaid the remaining note payable principal amount of $<span id="xdx_901_eus-gaap--NotesPayable_iI_c20241007__us-gaap--SubsequentEventTypeAxis__us-gaap--SubsequentEventMember__us-gaap--DebtInstrumentAxis__custom--KYNoteMember_zsWeaHmhnvbk" title="Remaining note payable principal amount">270,000 with accrued interest to Ainos KY, the controlling shareholder of the Company. 500005270000