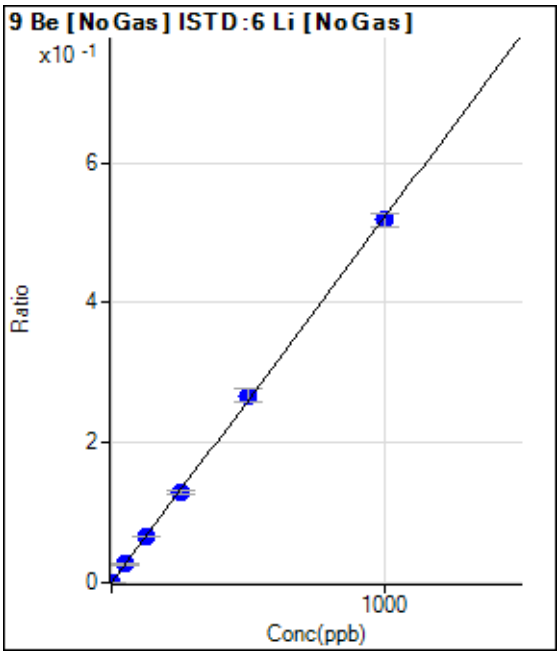
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051721MS.b\
Analysis File: P8051721MS.batch.bin
DA Date-Time: 2021-05-17 15:05:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

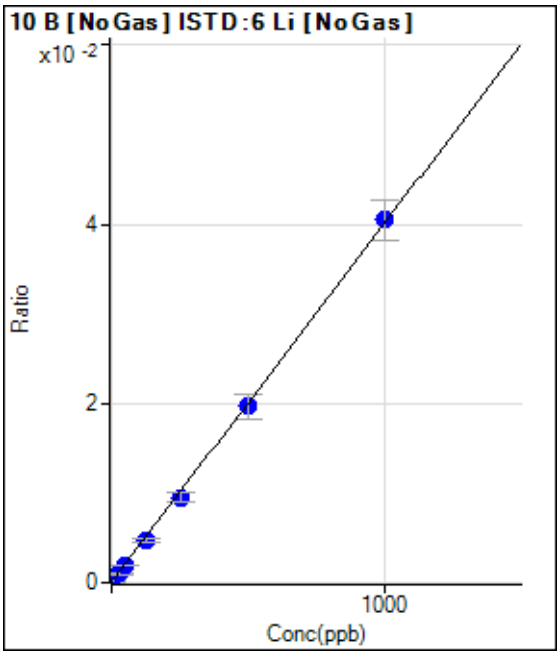
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | S00 | 2021-05-17 14:20:28 |
| 2 | 006CALS.d | S01 | 2021-05-17 14:26:27 |
| 3 | 008CALS.d | S02 | 2021-05-17 14:32:25 |
| 4 | 009CALS.d | S03 | 2021-05-17 14:35:24 |
| 5 | 010CALS.d | S04 | 2021-05-17 14:38:24 |
| 6 | 011CALS.d | S05 | 2021-05-17 14:41:23 |
| 7 | 012CALS.d | S06 | 2021-05-17 14:44:24 |
| 8 | 013CALS.d | S07 | 2021-05-17 14:47:22 |
| 9 | 014CALS.d | S08 | 2021-05-17 14:50:22 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20.66 | 0.0000 | P | 34.7 |
| 2 | ☐ | 0.100 | 0.097 | 75.99 | 0.0001 | P | 25.1 |
| 3 | ☐ | 1.000 | 1.014 | 626.56 | 0.0005 | P | 3.7 |
| 4 | ☐ | 50.000 | 50.126 | 29702.63 | 0.0262 | P | 0.9 |
| 5 | ☐ | 125.000 | 126.354 | 75622.70 | 0.0660 | P | 1.1 |
| 6 | ☐ | 250.000 | 248.627 | 149871.10 | 0.1298 | P | 4.2 |
| 7 | ☐ | 500.000 | 513.182 | 309685.53 | 0.2678 | P | 6.9 |
| 8 | ☐ | 1000.000 | 993.577 | 614006.93 | 0.5185 | P | 4.0 |
| 9 | ☐ | | | 196.63 | 0.0002 | P | 8.5 |

y = 5.2188E-004 * x + 1.8518E-005
R = 0.9999
DL = 0.03697

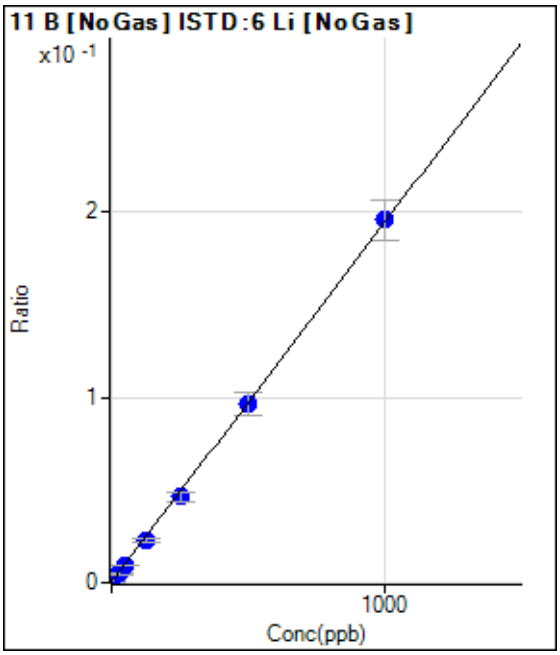
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 78.65 | 0.0001 | P | 25.8 |
| 2 | ☐ | 2.500 | 2.315 | 179.97 | 0.0002 | P | 10.1 |
| 3 | ☐ | 25.000 | 23.314 | 1146.49 | 0.0010 | P | 14.5 |
| 4 | ☐ | 50.000 | 46.724 | 2202.40 | 0.0019 | P | 6.7 |
| 5 | ☐ | 125.000 | 115.652 | 5391.94 | 0.0047 | P | 7.8 |
| 6 | ☐ | 250.000 | 235.646 | 10968.64 | 0.0095 | P | 11.8 |
| 7 | ☐ | 500.000 | 490.475 | 22741.78 | 0.0197 | P | 13.8 |
| 8 | ☐ | 1000.000 | 1009.726 | 47903.03 | 0.0405 | P | 10.9 |
| 9 | ☐ | | | 7105.67 | 0.0060 | P | 7.4 |

y = 4.0035E-005 * x + 7.0474E-005
R = 0.9998
DL = 1.363

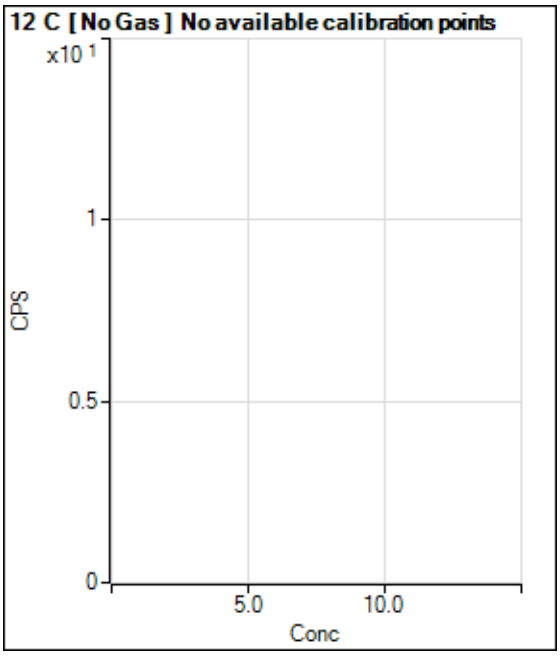
Weight: <None>
Min Conc: 0



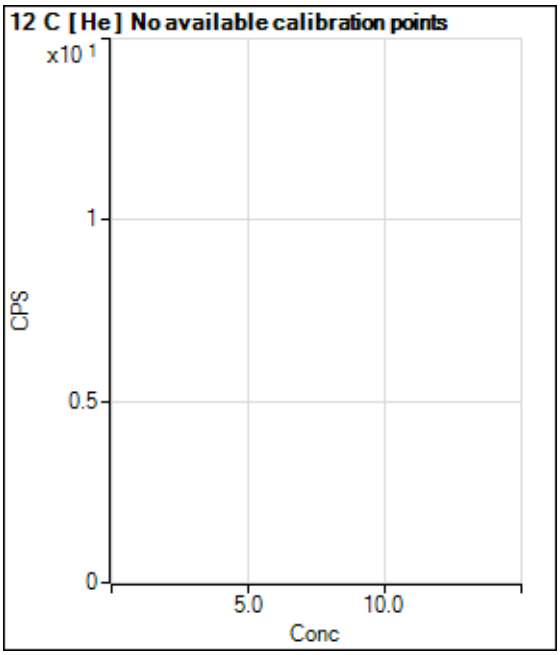

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 329.28 | 0.0003 | P | 11.1 |
| 2 | ☐ | 2.500 | 2.431 | 846.53 | 0.0008 | P | 7.1 |
| 3 | ☐ | 25.000 | 23.848 | 5625.32 | 0.0049 | P | 13.3 |
| 4 | ☐ | 50.000 | 46.140 | 10498.38 | 0.0093 | P | 8.8 |
| 5 | ☐ | 125.000 | 114.400 | 25816.92 | 0.0225 | P | 7.9 |
| 6 | ☐ | 250.000 | 236.762 | 53385.73 | 0.0463 | P | 11.8 |
| 7 | ☐ | 500.000 | 494.220 | 111085.24 | 0.0962 | P | 13.2 |
| 8 | ☐ | 1000.000 | 1007.746 | 231785.65 | 0.1959 | P | 11.1 |
| 9 | ☐ | | | 33524.20 | 0.0285 | P | 7.4 |

y = 1.9415E-004 * x + 2.9446E-004
R = 0.9999
DL = 0.5041

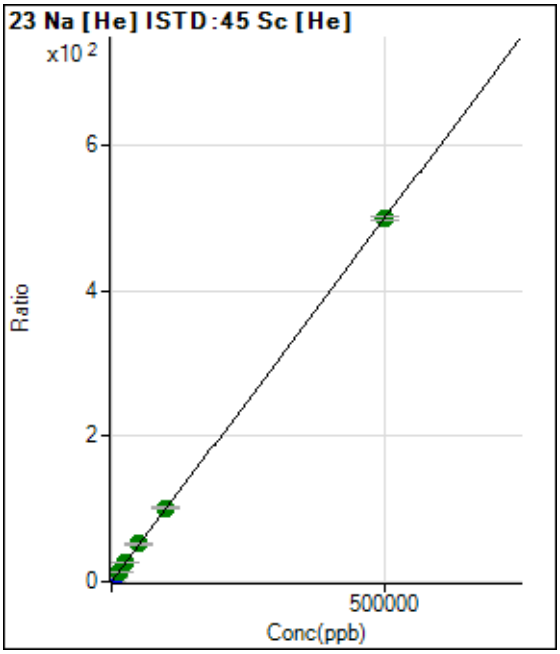
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2352528.26 | | A | 1.3 |
| 2 | ☐ | | | 2425904.87 | | A | 2.2 |
| 3 | ☐ | | | 2480353.05 | | A | 0.8 |
| 4 | ☐ | | | 2884450.47 | | A | 2.6 |
| 5 | ☐ | | | 2988872.90 | | A | 2.9 |
| 6 | ☐ | | | 3058309.83 | | A | 3.4 |
| 7 | ☐ | | | 3174982.51 | | A | 2.2 |
| 8 | ☐ | | | 3299507.45 | | A | 2.8 |
| 9 | ☐ | | | 3163919.86 | | A | 2.1 |



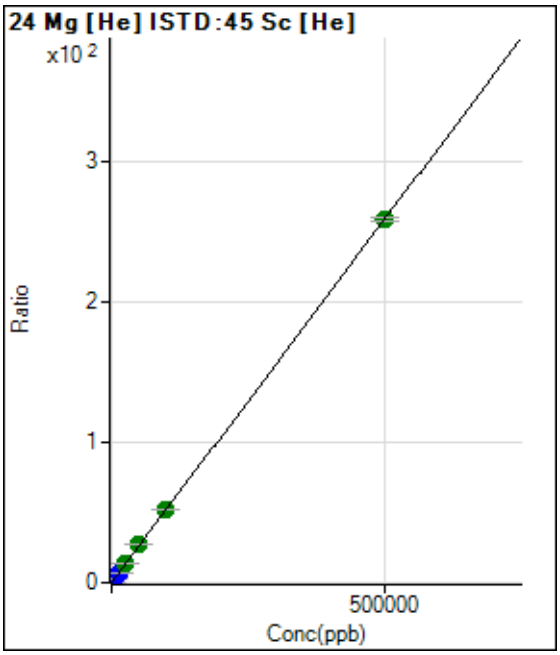

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 31743.23 | | P | 2.4 |
| 2 | ☐ | | | 33115.65 | | P | 0.4 |
| 3 | ☐ | | | 33973.26 | | P | 1.6 |
| 4 | ☐ | | | 41359.03 | | P | 2.3 |
| 5 | ☐ | | | 42475.80 | | P | 2.1 |
| 6 | ☐ | | | 43503.80 | | P | 1.7 |
| 7 | ☐ | | | 45618.58 | | P | 0.6 |
| 8 | ☐ | | | 48675.56 | | P | 1.6 |
| 9 | ☐ | | | 48385.76 | | P | 1.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 17839.02 | 0.1212 | P | 3.0 |
| 2 | ☐ | 50.000 | 49.334 | 25912.36 | 0.1705 | P | 1.6 |
| 3 | ☐ | 500.000 | 496.083 | 91939.44 | 0.6165 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5048.403 | 764754.55 | 5.1620 | P | 1.9 |
| 5 | ☐ | 12500.000 | 12523.285 | 1906012.20 | 12.6256 | A | 1.0 |
| 6 | ☐ | 25000.000 | 25958.635 | 3857763.15 | 26.0406 | A | 2.3 |
| 7 | ☐ | 50000.000 | 51527.518 | 7703302.08 | 51.5709 | A | 1.3 |
| 8 | ☐ | 100000.00 | 101637.15 | 15469409.37 | 101.6049 | A | 2.5 |
| 9 | ☐ | 500000.00 | 499470.82 | 76430798.24 | 498.8379 | A | 1.1 |

y = 9.9849E-004 * x + 0.1212
R = 1.0000
DL = 11.07

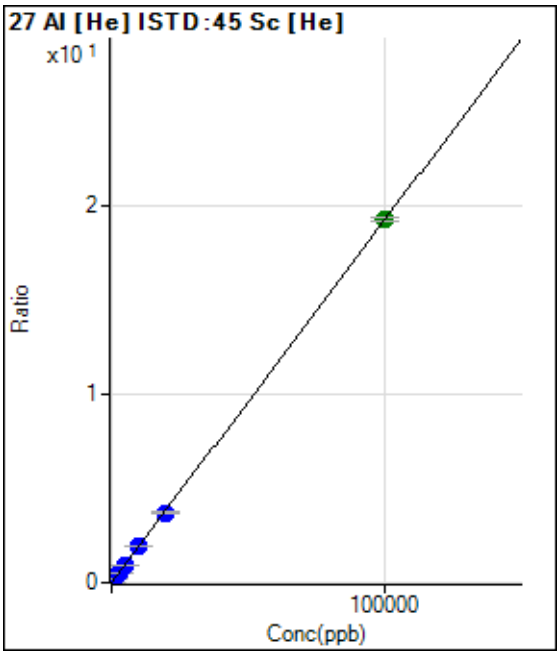
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 602.81 | 0.0041 | P | 6.8 |
| 2 | ☐ | 50.000 | 46.890 | 4317.41 | 0.0284 | P | 7.8 |
| 3 | ☐ | 500.000 | 495.516 | 38916.28 | 0.2610 | P | 1.1 |
| 4 | ☐ | 5000.000 | 5036.528 | 387403.66 | 2.6149 | P | 1.7 |
| 5 | ☐ | 12500.000 | 12545.781 | 982413.89 | 6.5075 | P | 0.3 |
| 6 | ☐ | 25000.000 | 25953.786 | 1993837.02 | 13.4579 | A | 2.0 |
| 7 | ☐ | 50000.000 | 52613.777 | 4074571.01 | 27.2777 | A | 1.1 |
| 8 | ☐ | 100000.00 | 101171.78 | 7987418.32 | 52.4490 | A | 0.5 |
| 9 | ☐ | 500000.00 | 499455.07 | 39670078.32 | 258.9089 | A | 1.0 |

y = 5.1837E-004 * x + 0.0041
R = 1.0000
DL = 1.614

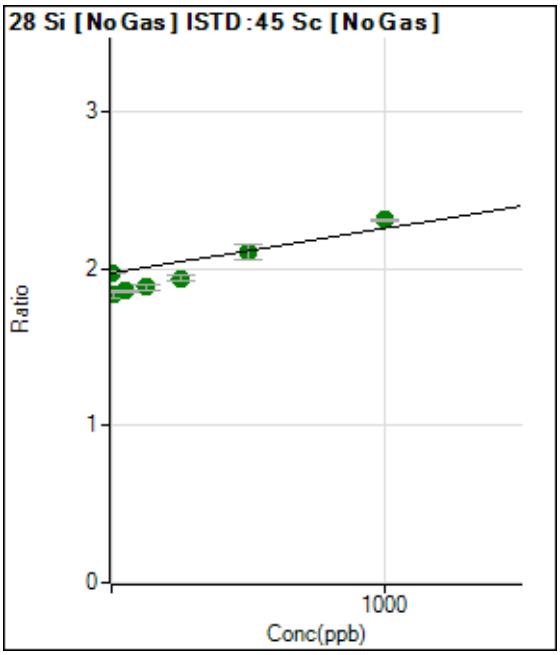
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 383.29 | 0.0026 | P | 8.2 |
| 2 | ☑ | 2.000 | | | | | |
| 3 | ☐ | 20.000 | 21.126 | 992.83 | 0.0067 | P | 7.3 |
| 4 | ☐ | 1000.000 | 987.260 | 28456.99 | 0.1921 | P | 1.6 |
| 5 | ☐ | 2500.000 | 2457.967 | 71607.24 | 0.4743 | P | 1.3 |
| 6 | ☐ | 5000.000 | 4950.548 | 141119.71 | 0.9527 | P | 3.0 |
| 7 | ☐ | 10000.000 | 10142.164 | 291136.32 | 1.9491 | P | 1.6 |
| 8 | ☐ | 20000.000 | 19267.454 | 563476.07 | 3.7005 | P | 1.6 |
| 9 | ☐ | 100000.00 | 100135.94 | 2945102.41 | 19.2211 | A | 1.2 |

y = 1.9192E-004 * x + 0.0026
R = 1.0000
DL = 3.354

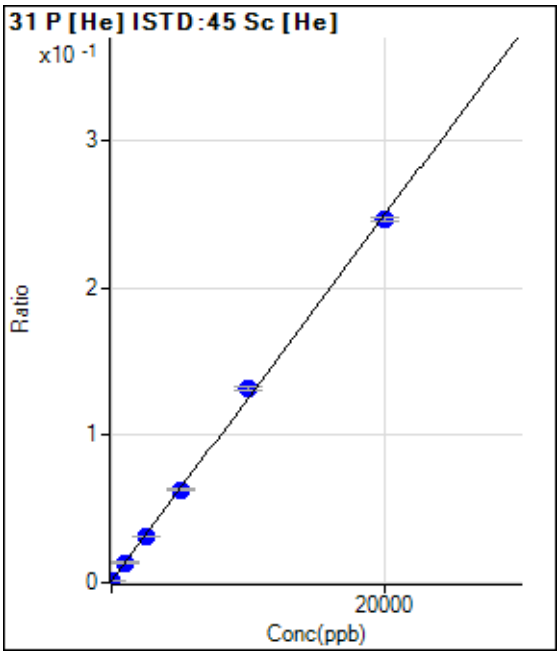
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6092033.34 | 1.9713 | A | 0.6 |
| 2 | ☐ | 10.000 | -497.429 | 5696703.95 | 1.8299 | A | 2.0 |
| 3 | ☐ | 10.000 | -486.137 | 5725237.37 | 1.8331 | A | 1.8 |
| 4 | ☐ | 50.000 | -398.598 | 5764209.37 | 1.8580 | A | 0.9 |
| 5 | ☐ | 125.000 | -316.651 | 5960567.58 | 1.8813 | A | 2.2 |
| 6 | ☐ | 250.000 | -112.463 | 6147096.15 | 1.9393 | A | 1.6 |
| 7 | ☐ | 500.000 | 478.968 | 6579060.78 | 2.1074 | A | 4.4 |
| 8 | ☐ | 1000.000 | 1188.804 | 7371130.98 | 2.3092 | A | 0.3 |
| 9 | ☐ | | | 5912252.04 | 1.8213 | A | 2.6 |

y = 2.8420E-004 * x + 1.9713
R = 0.9526
DL = 125.8

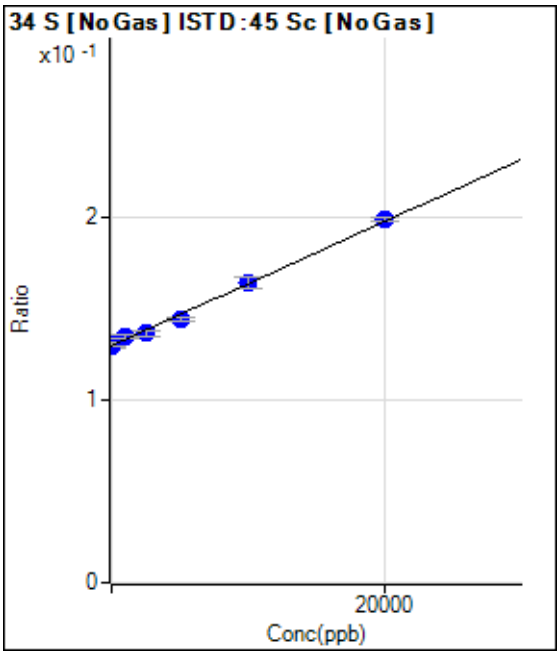
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 1.682 | 180.56 | 0.0012 | P | 27.0 |
| 2 | ☐ | 0.000 | 10.146 | 202.78 | 0.0013 | P | 14.8 |
| 3 | ☐ | 0.000 | -11.828 | 158.34 | 0.0011 | P | 36.0 |
| 4 | ☐ | 1000.000 | 982.543 | 1986.31 | 0.0134 | P | 7.0 |
| 5 | ☐ | 2500.000 | 2425.264 | 4728.67 | 0.0313 | P | 3.9 |
| 6 | ☐ | 5000.000 | 4984.023 | 9347.71 | 0.0631 | P | 2.8 |
| 7 | ☐ | 10000.000 | 10541.445 | 19735.99 | 0.1321 | P | 1.4 |
| 8 | ☐ | 20000.000 | 19743.487 | 37524.01 | 0.2464 | P | 1.1 |
| 9 | ☐ | | | 202.78 | 0.0013 | P | 16.2 |

y = 1.2420E-005 * x + 0.0012
R = 0.9995
DL = 73.26

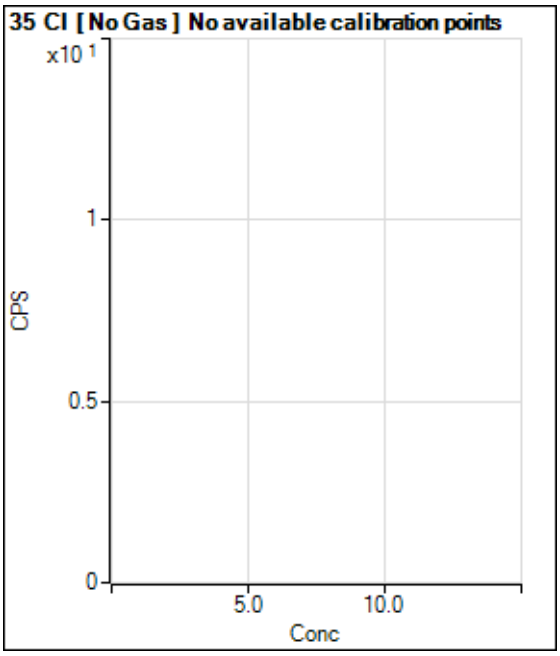
Weight: <None>
Min Conc: 0



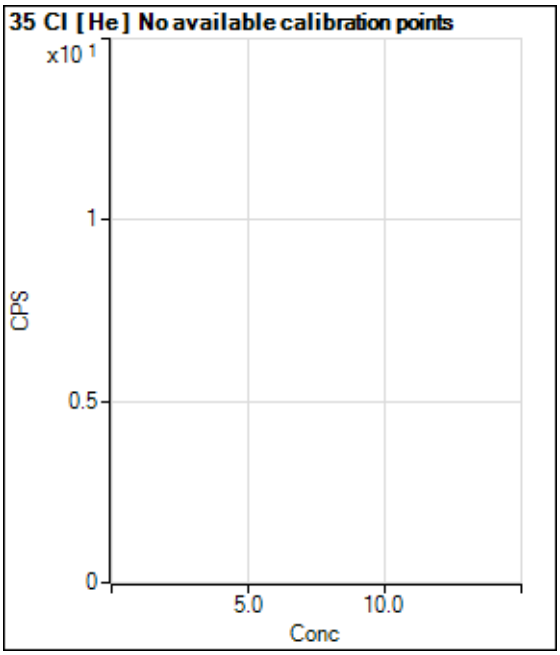

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 65.554 | 401929.68 | 0.1301 | P | 0.8 |
| 2 | ☐ | 0.000 | -222.137 | 401877.44 | 0.1291 | P | 0.9 |
| 3 | ☐ | 0.000 | 156.583 | 407192.66 | 0.1304 | P | 1.4 |
| 4 | ☐ | 1000.000 | 1476.829 | 418359.62 | 0.1349 | P | 1.5 |
| 5 | ☐ | 2500.000 | 1933.232 | 432187.80 | 0.1364 | P | 2.5 |
| 6 | ☐ | 5000.000 | 4122.564 | 456018.45 | 0.1439 | P | 1.5 |
| 7 | ☐ | 10000.000 | 10037.733 | 512010.02 | 0.1640 | P | 4.1 |
| 8 | ☐ | 20000.000 | 20247.497 | 634367.93 | 0.1987 | P | 1.1 |
| 9 | ☐ | | | 378319.89 | 0.1165 | P | 2.5 |

y = 3.4030E-006 * x + 0.1298
R = 0.9981
DL = 1201

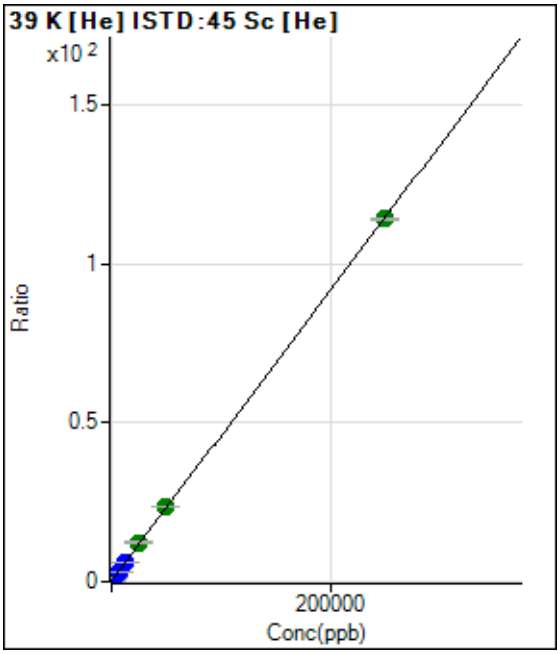
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 344647.25 | | P | 1.5 |
| 2 | ☐ | | | 347488.08 | | P | 1.4 |
| 3 | ☐ | | | 351706.82 | | P | 0.5 |
| 4 | ☐ | | | 408056.59 | | P | 1.7 |
| 5 | ☐ | | | 408534.69 | | P | 2.0 |
| 6 | ☐ | | | 413529.68 | | P | 2.2 |
| 7 | ☐ | | | 391982.28 | | P | 1.4 |
| 8 | ☐ | | | 415038.84 | | P | 1.7 |
| 9 | ☐ | | | 423249.26 | | P | 2.1 |



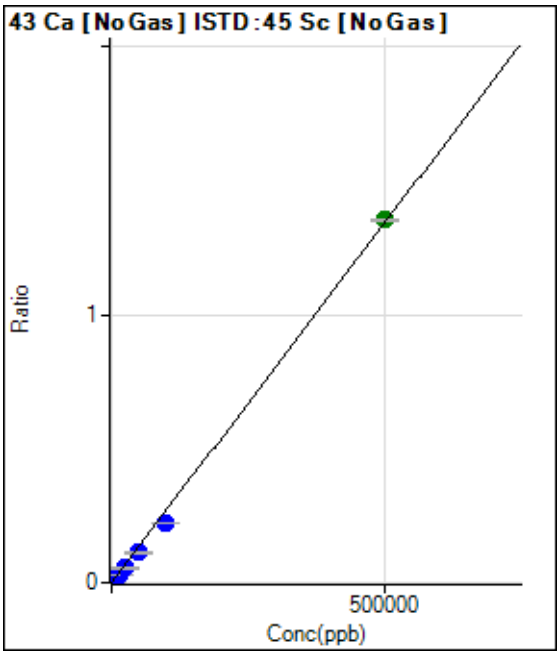

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 4292.41 | | P | 4.7 |
| 2 | ☐ | | | 4398.02 | | P | 1.7 |
| 3 | ☐ | | | 4356.33 | | P | 4.9 |
| 4 | ☐ | | | 5289.99 | | P | 3.8 |
| 5 | ☐ | | | 4998.22 | | P | 1.9 |
| 6 | ☐ | | | 5162.16 | | P | 4.6 |
| 7 | ☐ | | | 4917.63 | | P | 2.1 |
| 8 | ☐ | | | 5184.39 | | P | 6.7 |
| 9 | ☐ | | | 5198.27 | | P | 6.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 34717.58 | 0.2359 | P | 3.6 |
| 2 | ☐ | 50.000 | 46.357 | 39072.99 | 0.2570 | P | 2.8 |
| 3 | ☐ | 500.000 | 496.711 | 68942.82 | 0.4623 | P | 1.8 |
| 4 | ☐ | 2500.000 | 2556.639 | 207641.69 | 1.4014 | P | 0.6 |
| 5 | ☐ | 6250.000 | 6319.630 | 470498.42 | 3.1169 | P | 2.2 |
| 6 | ☐ | 12500.000 | 13002.226 | 912926.80 | 6.1633 | P | 2.9 |
| 7 | ☐ | 25000.000 | 26613.578 | 1847507.57 | 12.3685 | A | 1.3 |
| 8 | ☐ | 50000.000 | 51269.015 | 3595501.21 | 23.6084 | A | 0.1 |
| 9 | ☐ | 250000.00 | 249557.42 | 17468027.65 | 114.0040 | A | 0.4 |

y = 4.5588E-004 * x + 0.2359
R = 1.0000
DL = 56.07

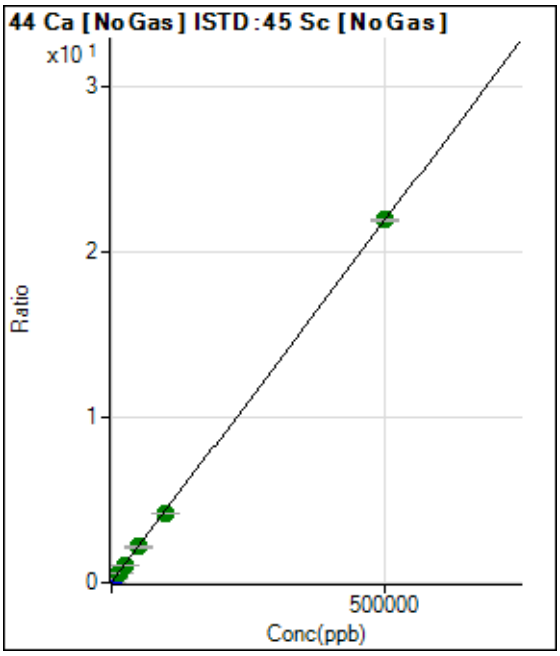
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 180.03 | 0.0001 | P | 8.7 |
| 2 | ☐ | 50.000 | 48.769 | 588.81 | 0.0002 | P | 2.1 |
| 3 | ☐ | 500.000 | 472.067 | 4139.66 | 0.0013 | P | 1.4 |
| 4 | ☐ | 5000.000 | 4105.128 | 34362.62 | 0.0111 | P | 1.8 |
| 5 | ☐ | 12500.000 | 10138.269 | 86376.14 | 0.0273 | P | 3.2 |
| 6 | ☐ | 25000.000 | 20170.368 | 171770.13 | 0.0542 | P | 1.6 |
| 7 | ☐ | 50000.000 | 42411.377 | 355374.96 | 0.1139 | P | 6.3 |
| 8 | ☐ | 100000.00 | 83074.577 | 711883.42 | 0.2230 | P | 0.5 |
| 9 | ☐ | 500000.00 | 504453.44 | 4396150.81 | 1.3539 | A | 0.4 |

y = 2.6837E-006 * x + 5.8260E-005
R = 0.9993
DL = 5.645

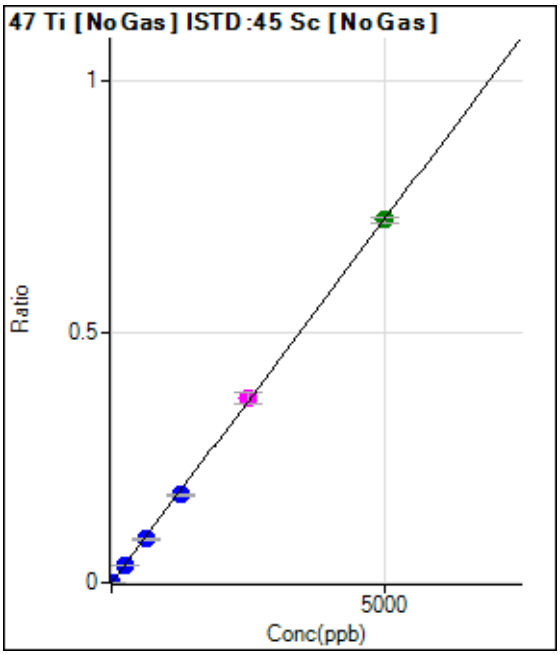
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 55733.03 | 0.0180 | P | 1.6 |
| 2 | ☑ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 434.768 | 115761.59 | 0.0371 | P | 0.8 |
| 4 | ☐ | 5000.000 | 4566.953 | 676003.08 | 0.2179 | P | 1.5 |
| 5 | ☐ | 12500.000 | 11992.179 | 1719983.17 | 0.5428 | A | 1.8 |
| 6 | ☐ | 25000.000 | 23466.590 | 3312061.89 | 1.0450 | A | 1.9 |
| 7 | ☐ | 50000.000 | 48855.576 | 6730922.72 | 2.1560 | A | 4.7 |
| 8 | ☐ | 100000.00 | 94978.124 | 13326032.12 | 4.1744 | A | 0.6 |
| 9 | ☐ | 500000.00 | 501212.57 | 71282077.38 | 21.9515 | A | 0.2 |

y = 4.3761E-005 * x + 0.0180
R = 0.9999
DL = 19.55

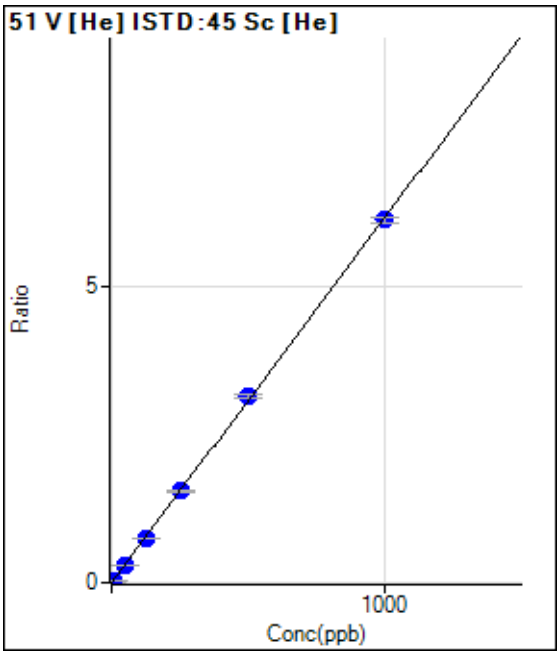
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 219.45 | 0.0001 | P | 18.1 |
| 2 | ☐ | 0.500 | 0.544 | 466.68 | 0.0001 | P | 5.7 |
| 3 | ☐ | 5.000 | 4.908 | 2441.94 | 0.0008 | P | 6.8 |
| 4 | ☐ | 250.000 | 242.626 | 109276.22 | 0.0352 | P | 1.8 |
| 5 | ☐ | 625.000 | 601.325 | 276245.67 | 0.0872 | P | 3.1 |
| 6 | ☐ | 1250.000 | 1212.934 | 557339.92 | 0.1758 | P | 2.0 |
| 7 | ☐ | 2500.000 | 2539.822 | 1148907.99 | 0.3681 | M | 6.4 |
| 8 | ☐ | 5000.000 | 4992.684 | 2309874.20 | 0.7235 | A | 1.7 |
| 9 | ☐ | | | 1080.62 | 0.0003 | P | 5.3 |

y = 1.4490E-004 * x + 7.1071E-005
R = 0.9999
DL = 0.2671

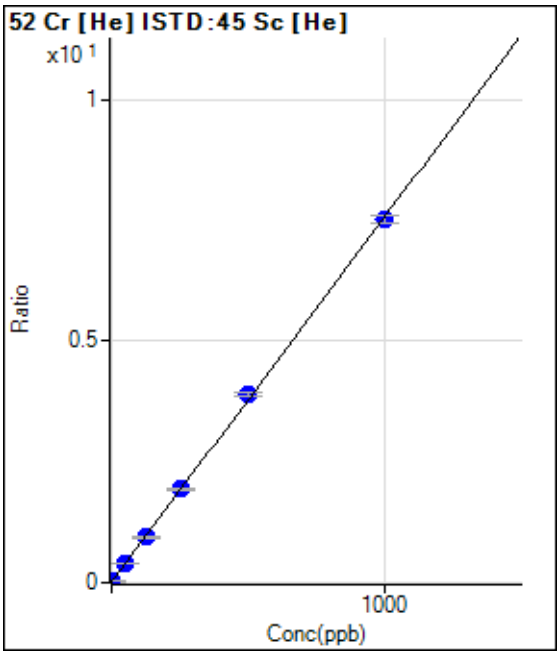
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 26.67 | 0.0002 | P | 26.1 |
| 2 | ☐ | 0.500 | 0.482 | 478.90 | 0.0032 | P | 2.7 |
| 3 | ☐ | 5.000 | 5.029 | 4644.13 | 0.0311 | P | 2.0 |
| 4 | ☐ | 50.000 | 49.022 | 44727.48 | 0.3019 | P | 1.5 |
| 5 | ☐ | 125.000 | 122.226 | 113596.78 | 0.7525 | P | 0.4 |
| 6 | ☐ | 250.000 | 251.250 | 229104.21 | 1.5466 | P | 2.4 |
| 7 | ☐ | 500.000 | 510.050 | 468930.09 | 3.1395 | P | 1.7 |
| 8 | ☐ | 1000.000 | 995.058 | 932563.85 | 6.1246 | P | 1.8 |
| 9 | ☐ | | | 321.12 | 0.0021 | P | 4.4 |

y = 0.0062 * x + 1.8153E-004
R = 0.9999
DL = 0.02309

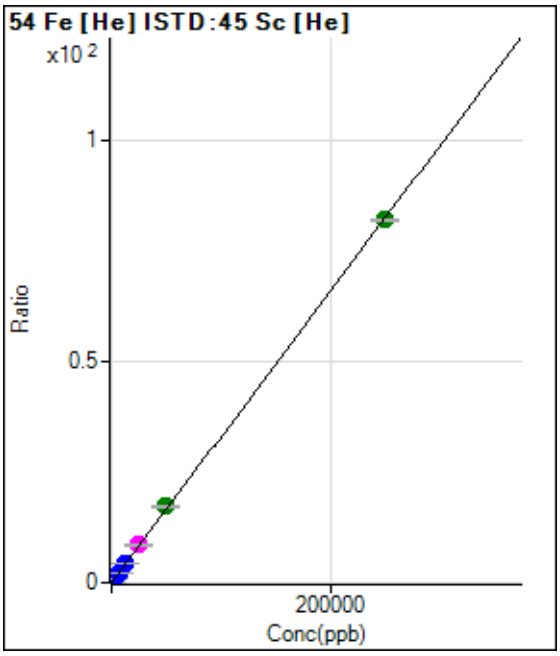
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1977.94 | 0.0134 | P | 1.7 |
| 2 | ☐ | 0.200 | 0.215 | 2289.10 | 0.0151 | P | 9.1 |
| 3 | ☐ | 2.000 | 2.042 | 4305.13 | 0.0289 | P | 0.8 |
| 4 | ☐ | 50.000 | 50.349 | 58350.75 | 0.3938 | P | 1.0 |
| 5 | ☐ | 125.000 | 122.396 | 141630.49 | 0.9382 | P | 1.0 |
| 6 | ☐ | 250.000 | 254.098 | 286349.64 | 1.9333 | P | 3.1 |
| 7 | ☐ | 500.000 | 513.130 | 581083.07 | 3.8904 | P | 1.8 |
| 8 | ☐ | 1000.000 | 992.719 | 1144038.89 | 7.5139 | P | 2.1 |
| 9 | ☐ | | | 9363.12 | 0.0611 | P | 0.9 |

y = 0.0076 * x + 0.0134
R = 0.9999
DL = 0.0884

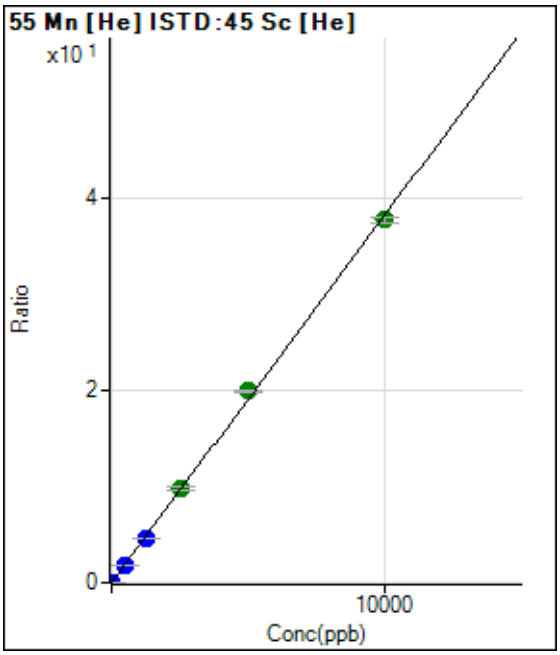
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 620.39 | 0.0042 | P | 10.6 |
| 2 | ☐ | 5.000 | 6.020 | 940.79 | 0.0062 | P | 9.6 |
| 3 | ☐ | 50.000 | 52.097 | 3183.74 | 0.0214 | P | 4.0 |
| 4 | ☐ | 2500.000 | 2528.239 | 123852.73 | 0.8360 | P | 2.3 |
| 5 | ☐ | 6250.000 | 6241.146 | 310610.83 | 2.0575 | P | 0.8 |
| 6 | ☐ | 12500.000 | 12883.513 | 628413.55 | 4.2429 | P | 3.3 |
| 7 | ☐ | 25000.000 | 26253.249 | 1290503.49 | 8.6415 | M | 4.2 |
| 8 | ☐ | 50000.000 | 52557.687 | 2633727.98 | 17.2957 | A | 1.5 |
| 9 | ☐ | 250000.00 | 249343.90 | 12570237.89 | 82.0382 | A | 0.9 |

y = 3.2900E-004 * x + 0.0042
R = 0.9999
DL = 4.078

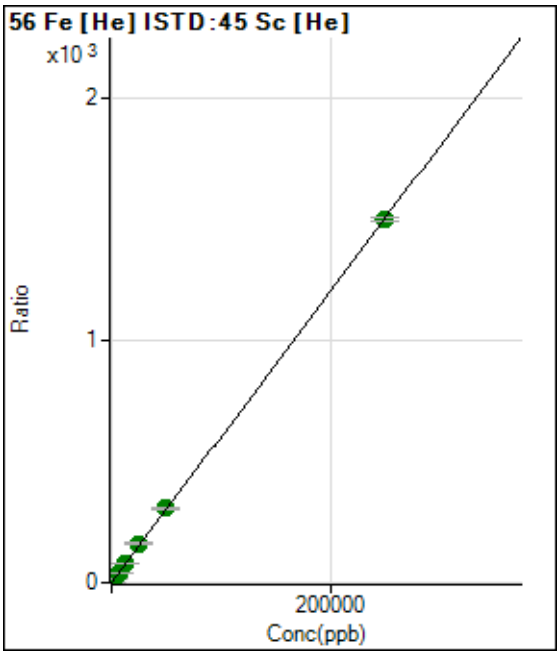
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 122.22 | 0.0008 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.103 | 186.67 | 0.0012 | P | 16.3 |
| 3 | ☐ | 1.000 | 1.028 | 710.02 | 0.0048 | P | 13.5 |
| 4 | ☐ | 500.000 | 488.109 | 276861.99 | 1.8687 | P | 0.7 |
| 5 | ☐ | 1250.000 | 1196.441 | 691289.87 | 4.5792 | P | 0.7 |
| 6 | ☐ | 2500.000 | 2576.240 | 1460157.86 | 9.8592 | A | 3.7 |
| 7 | ☐ | 5000.000 | 5211.944 | 2979161.52 | 19.9452 | A | 1.6 |
| 8 | ☐ | 10000.000 | 9882.258 | 5758310.54 | 37.8169 | A | 1.9 |
| 9 | ☐ | | | 4083.96 | 0.0267 | P | 4.0 |

y = 0.0038 * x + 8.3096E-004
R = 0.9996
DL = 0.06296

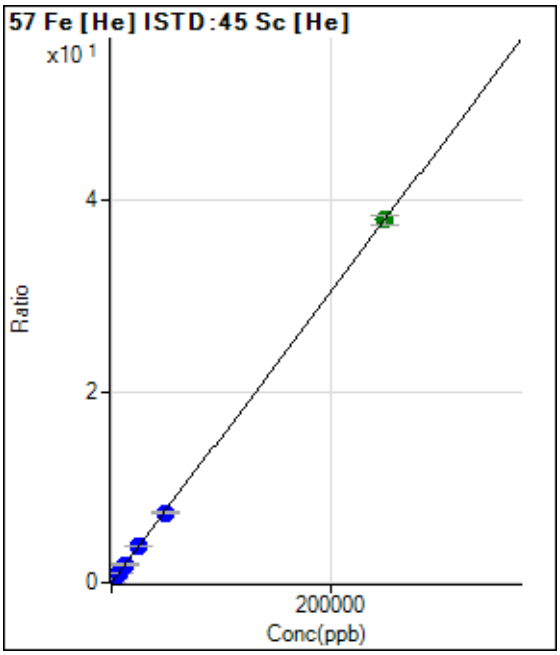
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3661.65 | 0.0249 | P | 2.8 |
| 2 | ☐ | 5.000 | 4.754 | 8113.53 | 0.0534 | P | 3.5 |
| 3 | ☐ | 50.000 | 49.606 | 48027.20 | 0.3221 | P | 3.1 |
| 4 | ☐ | 2500.000 | 2638.465 | 2345439.32 | 15.8324 | A | 2.1 |
| 5 | ☐ | 6250.000 | 6388.841 | 5781780.57 | 38.3016 | A | 1.9 |
| 6 | ☐ | 12500.000 | 13253.061 | 11766806.97 | 79.4264 | A | 2.0 |
| 7 | ☐ | 25000.000 | 26888.446 | 24065954.47 | 161.1185 | A | 1.7 |
| 8 | ☐ | 50000.000 | 51225.270 | 46741063.08 | 306.9248 | A | 1.5 |
| 9 | ☐ | 250000.00 | 249523.59 | 229056416.2 | 1,494.966 | A | 1.1 |

y = 0.0060 * x + 0.0249
R = 1.0000
DL = 0.3518

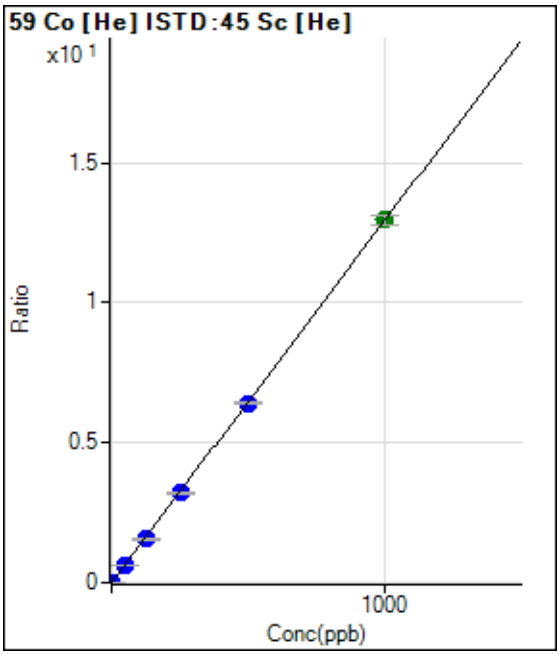
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 168.52 | 0.0011 | P | 12.6 |
| 2 | ☑ | 5.000 | | | | | |
| 3 | ☐ | 50.000 | 48.024 | 1257.48 | 0.0084 | P | 2.5 |
| 4 | ☐ | 2500.000 | 2453.749 | 55327.56 | 0.3735 | P | 2.1 |
| 5 | ☐ | 6250.000 | 6050.388 | 138761.36 | 0.9192 | P | 1.0 |
| 6 | ☐ | 12500.000 | 12474.223 | 280559.28 | 1.8939 | P | 2.2 |
| 7 | ☐ | 25000.000 | 25215.837 | 571682.35 | 3.8272 | P | 1.0 |
| 8 | ☐ | 50000.000 | 48370.358 | 1117701.55 | 7.3404 | P | 1.8 |
| 9 | ☐ | 250000.00 | 250311.08 | 5818991.28 | 37.9811 | A | 2.5 |

y = 1.5173E-004 * x + 0.0011
R = 1.0000
DL = 2.844

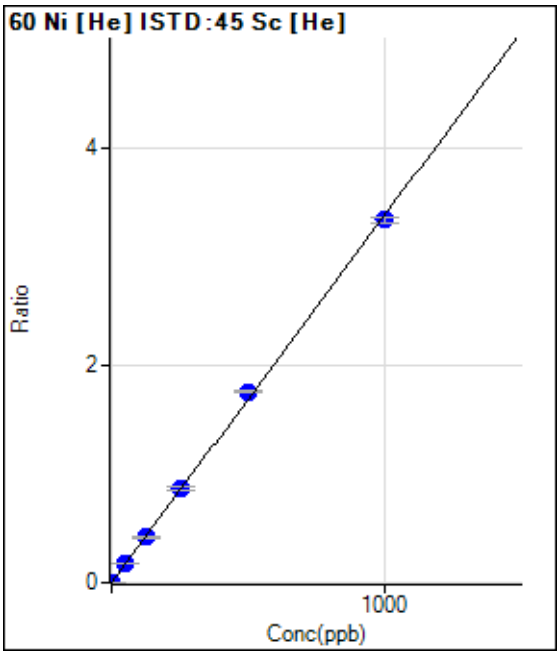
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 74.44 | 0.0005 | P | 37.3 |
| 2 | ☐ | 0.100 | 0.078 | 230.01 | 0.0015 | P | 7.8 |
| 3 | ☐ | 1.000 | 0.934 | 1876.81 | 0.0126 | P | 2.0 |
| 4 | ☐ | 50.000 | 48.849 | 93644.67 | 0.6320 | P | 1.0 |
| 5 | ☐ | 125.000 | 119.659 | 233613.90 | 1.5475 | P | 0.7 |
| 6 | ☐ | 250.000 | 248.049 | 475076.63 | 3.2073 | P | 2.9 |
| 7 | ☐ | 500.000 | 496.580 | 959019.16 | 6.4204 | P | 1.4 |
| 8 | ☐ | 1000.000 | 1002.923 | 1974367.59 | 12.9665 | A | 2.4 |
| 9 | ☐ | | | 3075.92 | 0.0201 | P | 3.3 |

y = 0.0129 * x + 5.0700E-004
R = 1.0000
DL = 0.04384

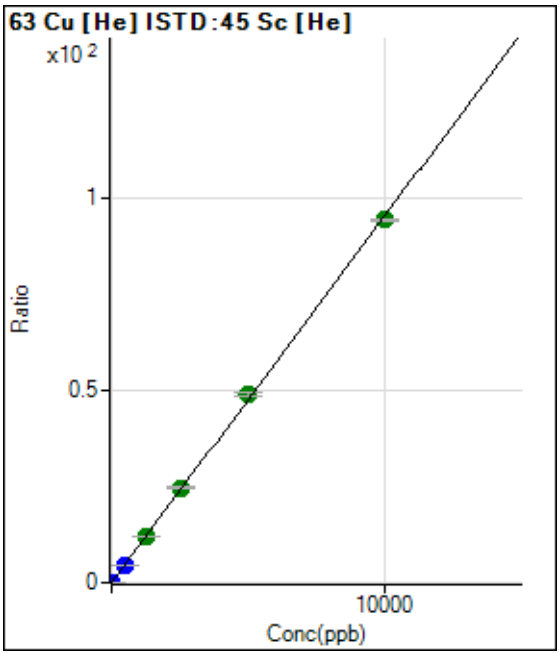
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 62.22 | 0.0004 | P | 8.2 |
| 2 | ☐ | 0.100 | 0.080 | 105.56 | 0.0007 | P | 19.8 |
| 3 | ☐ | 1.000 | 1.079 | 606.69 | 0.0041 | P | 3.1 |
| 4 | ☐ | 50.000 | 51.381 | 25773.36 | 0.1740 | P | 2.4 |
| 5 | ☐ | 125.000 | 123.488 | 63034.35 | 0.4175 | P | 0.9 |
| 6 | ☐ | 250.000 | 257.387 | 128812.97 | 0.8698 | P | 4.2 |
| 7 | ☐ | 500.000 | 520.191 | 262531.29 | 1.7575 | P | 1.1 |
| 8 | ☐ | 1000.000 | 988.178 | 508321.91 | 3.3383 | P | 1.6 |
| 9 | ☐ | | | 1775.69 | 0.0116 | P | 10.2 |

y = 0.0034 * x + 4.2281E-004
R = 0.9997
DL = 0.03074

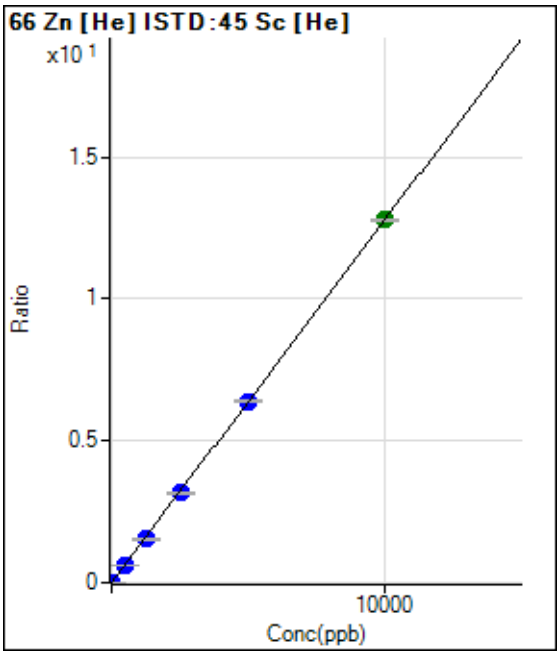
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 211.12 | 0.0014 | P | 7.9 |
| 2 | ☐ | 0.200 | 0.215 | 528.91 | 0.0035 | P | 13.0 |
| 3 | ☐ | 2.000 | 1.841 | 2824.76 | 0.0189 | P | 3.2 |
| 4 | ☐ | 500.000 | 481.248 | 678286.96 | 4.5784 | P | 1.6 |
| 5 | ☐ | 1250.000 | 1268.304 | 1821142.80 | 12.0638 | A | 1.8 |
| 6 | ☐ | 2500.000 | 2578.676 | 3633504.29 | 24.5263 | A | 2.0 |
| 7 | ☐ | 5000.000 | 5151.401 | 7317994.13 | 48.9945 | A | 2.0 |
| 8 | ☐ | 10000.000 | 9903.280 | 14343789.09 | 94.1878 | A | 0.7 |
| 9 | ☐ | | | 10581.81 | 0.0691 | P | 1.6 |

y = 0.0095 * x + 0.0014
R = 0.9998
DL = 0.03559

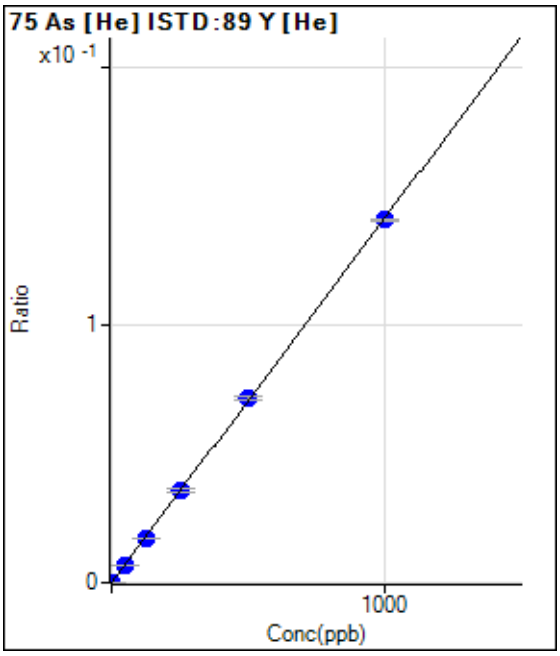
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 193.34 | 0.0013 | P | 11.3 |
| 2 | ☑ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 2.009 | 577.79 | 0.0039 | P | 12.5 |
| 4 | ☐ | 500.000 | 491.194 | 93070.91 | 0.6282 | P | 1.2 |
| 5 | ☐ | 1250.000 | 1199.786 | 231347.17 | 1.5325 | P | 1.6 |
| 6 | ☐ | 2500.000 | 2471.637 | 467434.00 | 3.1558 | P | 2.9 |
| 7 | ☐ | 5000.000 | 4998.479 | 953080.26 | 6.3806 | P | 1.4 |
| 8 | ☐ | 10000.000 | 10014.568 | 1946606.08 | 12.7825 | A | 0.8 |
| 9 | ☐ | | | 5292.15 | 0.0345 | P | 2.3 |

y = 0.0013 * x + 0.0013
R = 1.0000
DL = 0.3491

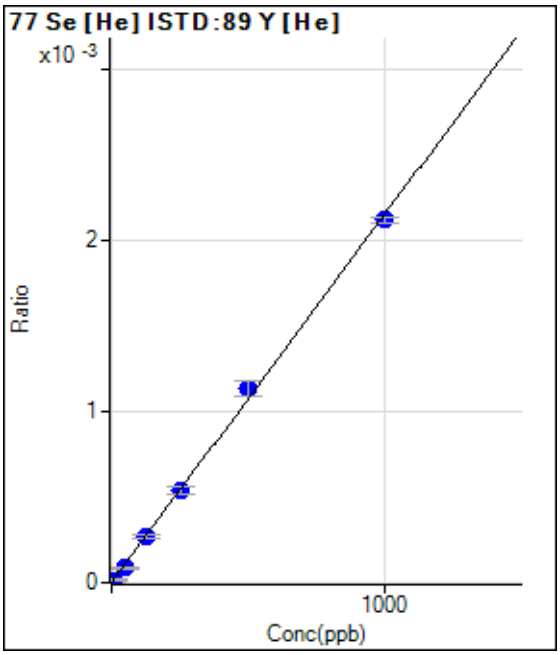
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.67 | 0.0000 | P | 52.7 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.973 | 136.68 | 0.0001 | P | 29.1 |
| 4 | ☐ | 50.000 | 49.296 | 6457.47 | 0.0070 | P | 1.7 |
| 5 | ☐ | 125.000 | 123.088 | 16227.28 | 0.0174 | P | 0.1 |
| 6 | ☐ | 250.000 | 252.182 | 32984.62 | 0.0357 | P | 3.3 |
| 7 | ☐ | 500.000 | 506.494 | 67458.02 | 0.0716 | P | 1.5 |
| 8 | ☐ | 1000.000 | 996.482 | 132616.17 | 0.1409 | P | 0.7 |
| 9 | ☐ | | | 73.68 | 0.0001 | P | 18.4 |

y = 1.4140E-004 * x + 9.3735E-006
R = 1.0000
DL = 0.1048

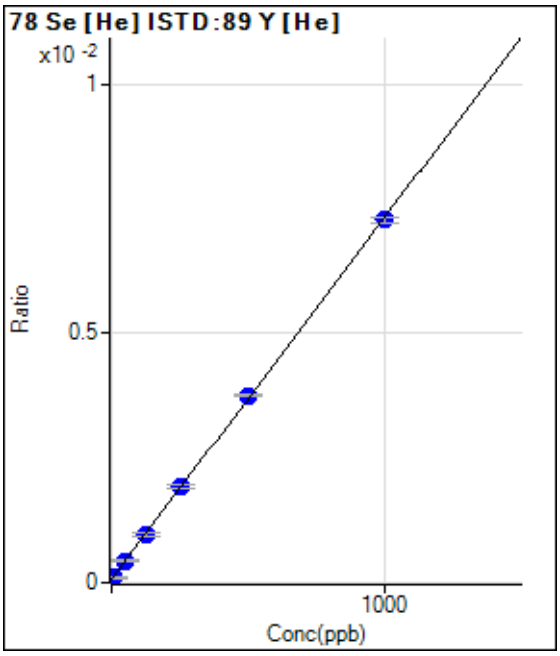
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1.11 | 0.0000 | P | 173.2 |
| 2 | ☐ | 0.500 | 0.005 | 1.11 | 0.0000 | P | 173.2 |
| 3 | ☐ | 5.000 | 7.252 | 15.56 | 0.0000 | P | 66.8 |
| 4 | ☐ | 50.000 | 40.810 | 82.22 | 0.0001 | P | 10.4 |
| 5 | ☐ | 125.000 | 125.413 | 252.23 | 0.0003 | P | 9.8 |
| 6 | ☐ | 250.000 | 251.352 | 501.13 | 0.0005 | P | 7.2 |
| 7 | ☐ | 500.000 | 528.310 | 1071.16 | 0.0011 | P | 7.7 |
| 8 | ☐ | 1000.000 | 985.904 | 1994.61 | 0.0021 | P | 1.3 |
| 9 | ☐ | | | 7.78 | 0.0000 | P | 65.7 |

y = 2.1484E-006 * x + 1.1985E-006
R = 0.9994
DL = 2.899

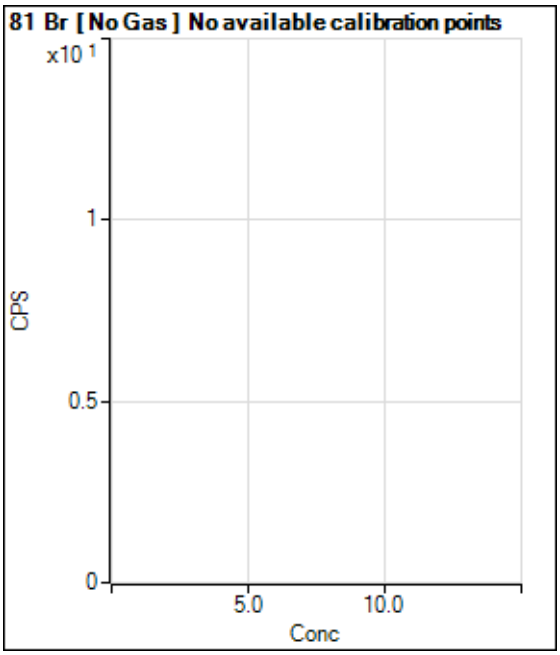
Weight: <None>
Min Conc: 0



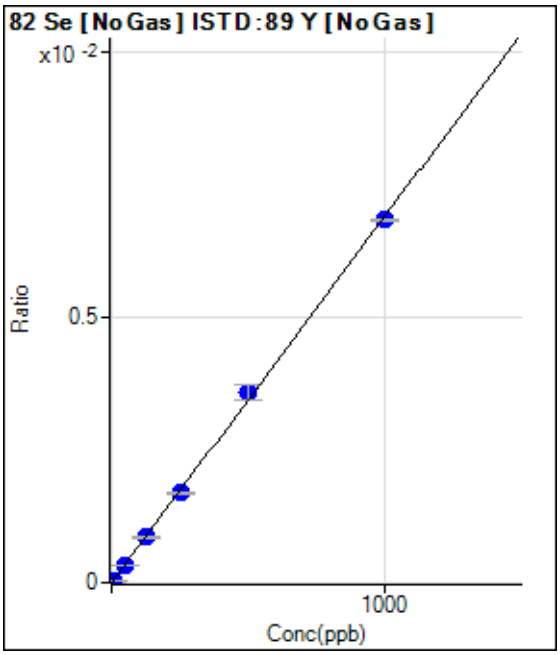

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 64.68 | 0.0001 | P | 11.3 |
| 2 | ☐ | 0.500 | 0.504 | 68.34 | 0.0001 | P | 18.1 |
| 3 | ☐ | 5.000 | 3.678 | 90.01 | 0.0001 | P | 22.9 |
| 4 | ☐ | 50.000 | 50.661 | 404.71 | 0.0004 | P | 5.7 |
| 5 | ☐ | 125.000 | 123.343 | 898.79 | 0.0010 | P | 4.8 |
| 6 | ☐ | 250.000 | 256.860 | 1786.63 | 0.0019 | P | 5.5 |
| 7 | ☐ | 500.000 | 508.353 | 3538.14 | 0.0038 | P | 1.1 |
| 8 | ☐ | 1000.000 | 994.289 | 6851.03 | 0.0073 | P | 1.8 |
| 9 | ☐ | | | 67.34 | 0.0001 | P | 13.7 |

y = 7.2513E-006 * x + 7.0051E-005
R = 0.9999
DL = 3.276

Weight: <None>
Min Conc: 0



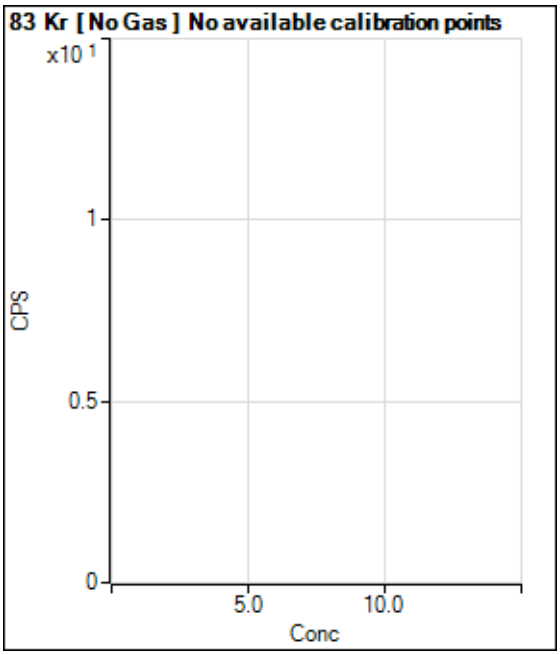

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2933.34 | | P | 2.1 |
| 2 | ☐ | | | 2906.65 | | P | 5.7 |
| 3 | ☐ | | | 2946.68 | | P | 8.2 |
| 4 | ☐ | | | 2913.32 | | P | 6.9 |
| 5 | ☐ | | | 2833.20 | | P | 9.6 |
| 6 | ☐ | | | 2946.68 | | P | 9.5 |
| 7 | ☐ | | | 3066.84 | | P | 1.5 |
| 8 | ☐ | | | 2913.30 | | P | 3.6 |
| 9 | ☐ | | | 3163.63 | | P | 3.3 |



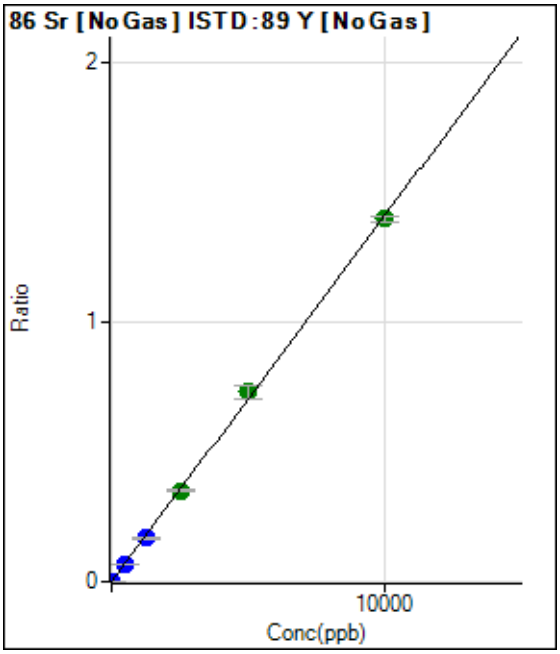

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | -20.06 | 0.0000 | P | -300. |
| 2 | ☑ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.205 | 213.35 | 0.0000 | P | 19.3 |
| 4 | ☐ | 50.000 | 48.904 | 2122.07 | 0.0003 | P | 1.6 |
| 5 | ☐ | 125.000 | 123.616 | 5581.98 | 0.0008 | P | 1.6 |
| 6 | ☐ | 250.000 | 245.773 | 11000.07 | 0.0017 | P | 2.3 |
| 7 | ☐ | 500.000 | 518.851 | 22574.67 | 0.0036 | P | 7.8 |
| 8 | ☐ | 1000.000 | 991.858 | 44857.02 | 0.0068 | P | 0.8 |
| 9 | ☐ | | | 78.97 | 0.0000 | P | 128.4 |

y = 6.8982E-006 * x - 3.2018E-006
R = 0.9997
DL = 4.184

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2090.18 | | P | 2.2 |
| 2 | ☐ | | | 1990.16 | | P | 2.5 |
| 3 | ☐ | | | 2097.96 | | P | 2.0 |
| 4 | ☐ | | | 2094.62 | | P | 4.0 |
| 5 | ☐ | | | 2105.73 | | P | 0.8 |
| 6 | ☐ | | | 2084.62 | | P | 1.4 |
| 7 | ☐ | | | 2046.84 | | P | 2.8 |
| 8 | ☐ | | | 2059.06 | | P | 7.3 |
| 9 | ☐ | | | 1970.16 | | P | 3.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3372.72 | 0.0005 | P | 3.1 |
| 2 | ☐ | 0.100 | 0.010 | 3431.08 | 0.0005 | P | 5.1 |
| 3 | ☐ | 1.000 | 0.756 | 4200.75 | 0.0006 | P | 1.2 |
| 4 | ☐ | 500.000 | 475.565 | 428380.47 | 0.0675 | P | 1.7 |
| 5 | ☐ | 1250.000 | 1185.334 | 1099241.30 | 0.1673 | P | 3.4 |
| 6 | ☐ | 2500.000 | 2488.137 | 2279390.46 | 0.3506 | A | 2.1 |
| 7 | ☐ | 5000.000 | 5179.152 | 4605473.28 | 0.7293 | A | 6.6 |
| 8 | ☐ | 10000.000 | 9922.695 | 9161736.57 | 1.3967 | A | 1.5 |
| 9 | ☐ | | | 7438.31 | 0.0011 | P | 1.0 |

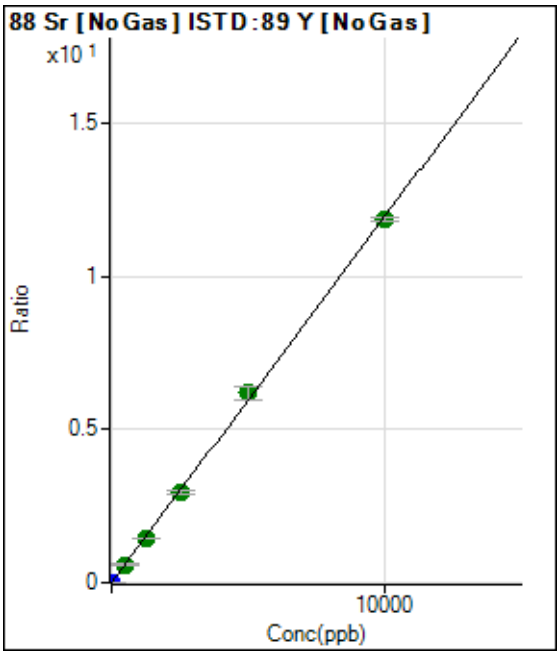
y = 1.4071E-004 * x + 5.3711E-004

R = 0.9998

DL = 0.3578

Weight: <None>

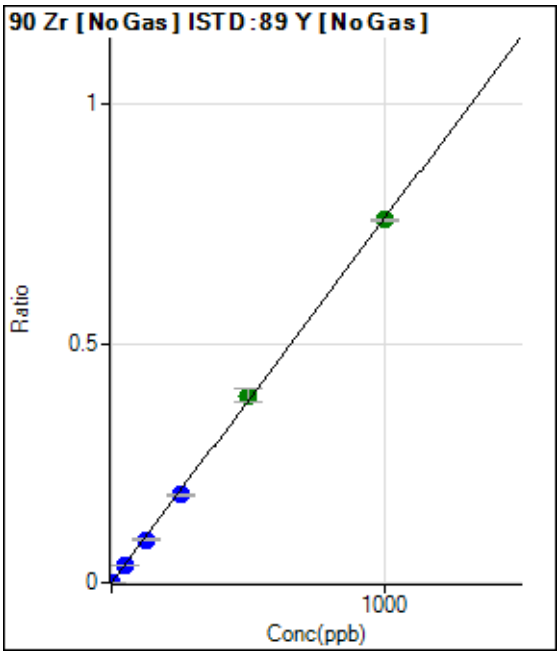
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 230.57 | 0.0000 | P | 9.3 |
| 2 | ☐ | 0.100 | 0.097 | 969.51 | 0.0002 | P | 3.2 |
| 3 | ☐ | 1.000 | 0.955 | 7677.30 | 0.0012 | P | 3.1 |
| 4 | ☐ | 500.000 | 497.722 | 3771018.49 | 0.5938 | A | 2.2 |
| 5 | ☐ | 1250.000 | 1222.616 | 9582822.18 | 1.4585 | A | 2.1 |
| 6 | ☐ | 2500.000 | 2468.798 | 19144613.27 | 2.9451 | A | 2.6 |
| 7 | ☐ | 5000.000 | 5183.147 | 39045512.33 | 6.1831 | A | 6.7 |
| 8 | ☐ | 10000.000 | 9919.764 | 77617347.57 | 11.8335 | A | 0.9 |
| 9 | ☐ | | | 34640.80 | 0.0052 | P | 1.2 |

y = 0.0012 * x + 3.6742E-005
R = 0.9998
DL = 0.008566

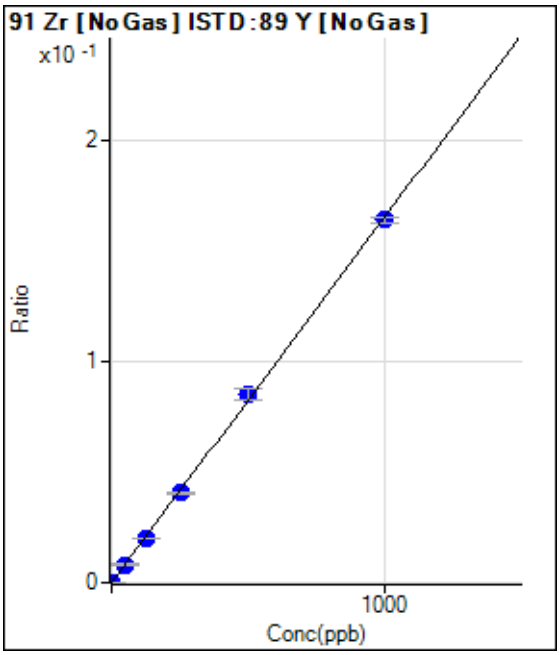
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 413.91 | 0.0001 | P | 5.1 |
| 2 | ☐ | 0.100 | 0.089 | 850.05 | 0.0001 | P | 6.2 |
| 3 | ☐ | 1.000 | 0.984 | 5320.60 | 0.0008 | P | 0.8 |
| 4 | ☐ | 50.000 | 48.222 | 233568.05 | 0.0368 | P | 1.5 |
| 5 | ☐ | 125.000 | 118.680 | 594052.34 | 0.0904 | P | 2.4 |
| 6 | ☐ | 250.000 | 240.257 | 1189378.67 | 0.1830 | P | 3.3 |
| 7 | ☐ | 500.000 | 514.078 | 2471693.81 | 0.3914 | A | 7.0 |
| 8 | ☐ | 1000.000 | 996.275 | 4975199.85 | 0.7585 | A | 0.8 |
| 9 | ☐ | | | 1961.31 | 0.0003 | P | 10.6 |

y = 7.6131E-004 * x + 6.5930E-005
R = 0.9998
DL = 0.01319

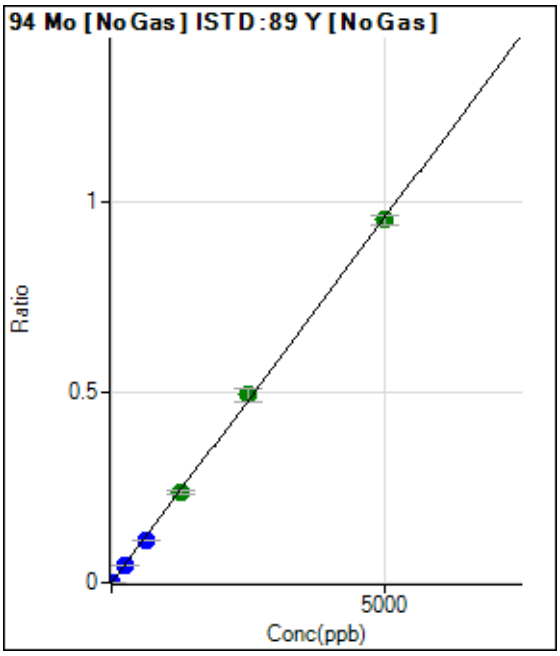
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 91.67 | 0.0000 | P | 8.7 |
| 2 | ☐ | 0.100 | 0.102 | 200.01 | 0.0000 | P | 16.1 |
| 3 | ☐ | 1.000 | 0.930 | 1097.30 | 0.0002 | P | 13.0 |
| 4 | ☐ | 50.000 | 49.422 | 51875.08 | 0.0082 | P | 2.5 |
| 5 | ☐ | 125.000 | 122.279 | 132637.79 | 0.0202 | P | 2.1 |
| 6 | ☐ | 250.000 | 246.263 | 264148.81 | 0.0406 | P | 2.7 |
| 7 | ☐ | 500.000 | 515.980 | 537605.95 | 0.0851 | P | 6.9 |
| 8 | ☐ | 1000.000 | 993.313 | 1074903.95 | 0.1639 | P | 1.6 |
| 9 | ☐ | | | 477.80 | 0.0001 | P | 25.1 |

y = 1.6498E-004 * x + 1.4597E-005
R = 0.9998
DL = 0.02319

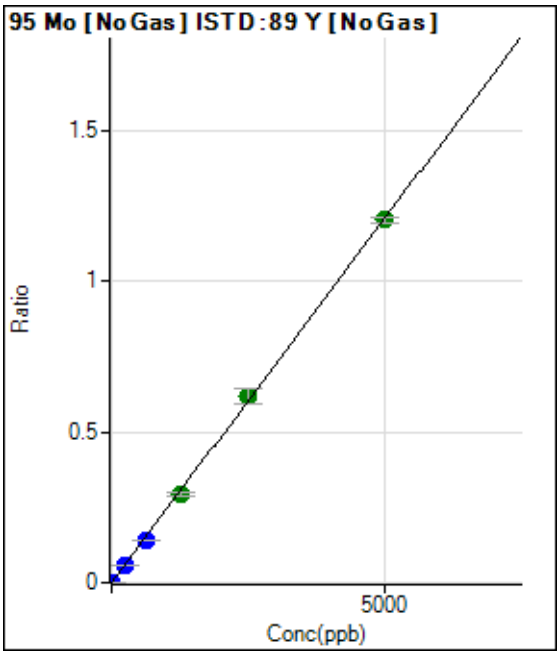
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 144.45 | 0.0000 | P | 28.3 |
| 2 | ☐ | 0.500 | 0.463 | 711.15 | 0.0001 | P | 0.7 |
| 3 | ☐ | 5.000 | 4.456 | 5715.24 | 0.0009 | P | 8.2 |
| 4 | ☐ | 250.000 | 237.928 | 289092.04 | 0.0455 | P | 1.6 |
| 5 | ☐ | 625.000 | 583.775 | 733584.54 | 0.1117 | P | 2.3 |
| 6 | ☐ | 1250.000 | 1239.843 | 1540433.61 | 0.2371 | A | 5.5 |
| 7 | ☐ | 2500.000 | 2573.111 | 3106958.64 | 0.4921 | A | 7.2 |
| 8 | ☐ | 5000.000 | 4971.741 | 6235821.45 | 0.9507 | A | 2.5 |
| 9 | ☐ | | | 2950.40 | 0.0004 | P | 4.9 |

y = 1.9122E-004 * x + 2.3000E-005
R = 0.9998
DL = 0.1019

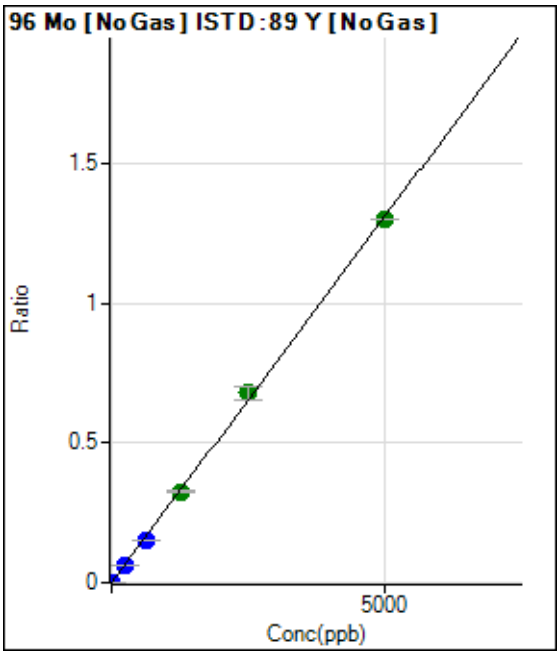
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19.44 | 0.0000 | P | 65.2 |
| 2 | ☐ | 0.500 | 0.402 | 638.92 | 0.0001 | P | 2.4 |
| 3 | ☐ | 5.000 | 4.613 | 7290.97 | 0.0011 | P | 1.2 |
| 4 | ☐ | 250.000 | 235.330 | 360861.34 | 0.0568 | P | 2.2 |
| 5 | ☐ | 625.000 | 579.673 | 919625.46 | 0.1400 | P | 1.6 |
| 6 | ☐ | 1250.000 | 1216.748 | 1909444.90 | 0.2938 | A | 2.6 |
| 7 | ☐ | 2500.000 | 2561.894 | 3905280.30 | 0.6186 | A | 7.9 |
| 8 | ☐ | 5000.000 | 4983.766 | 7892434.64 | 1.2033 | A | 1.7 |
| 9 | ☐ | | | 4120.17 | 0.0006 | P | 10.2 |

y = 2.4144E-004 * x + 3.0878E-006
R = 0.9998
DL = 0.02502

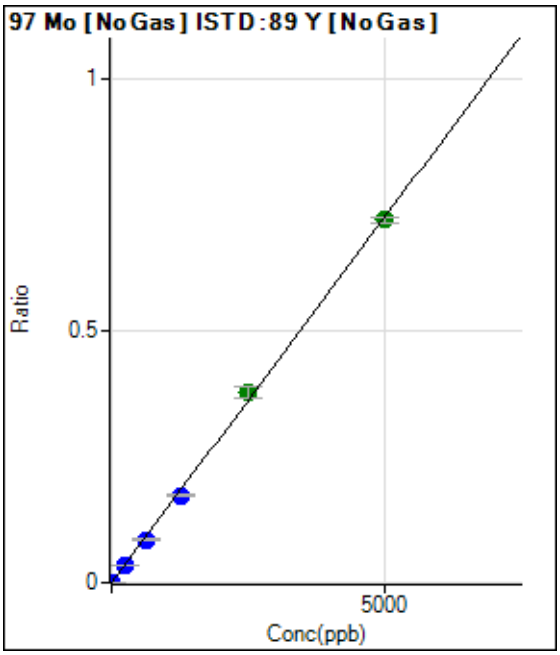
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 194.45 | 0.0000 | P | 28.9 |
| 2 | ☐ | 0.500 | 0.410 | 880.61 | 0.0001 | P | 9.4 |
| 3 | ☐ | 5.000 | 4.518 | 7924.67 | 0.0012 | P | 1.7 |
| 4 | ☐ | 250.000 | 239.197 | 397897.93 | 0.0627 | P | 1.9 |
| 5 | ☐ | 625.000 | 584.033 | 1004885.93 | 0.1529 | P | 1.0 |
| 6 | ☐ | 1250.000 | 1245.384 | 2119262.53 | 0.3261 | A | 3.3 |
| 7 | ☐ | 2500.000 | 2592.358 | 4285268.24 | 0.6787 | A | 7.4 |
| 8 | ☐ | 5000.000 | 4960.637 | 8518490.64 | 1.2987 | A | 0.1 |
| 9 | ☐ | | | 4884.34 | 0.0007 | P | 5.0 |

y = 2.6180E-004 * x + 3.1022E-005
R = 0.9997
DL = 0.1028

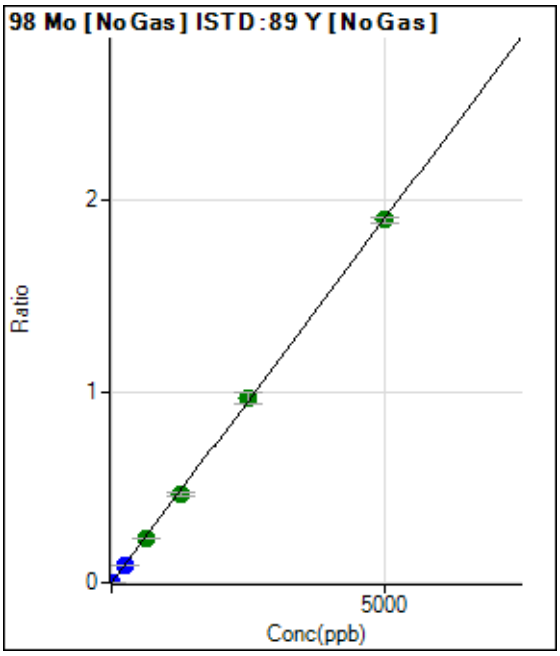
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.56 | 0.0000 | P | 173.2 |
| 2 | ☐ | 0.500 | 0.486 | 455.57 | 0.0001 | P | 9.4 |
| 3 | ☐ | 5.000 | 4.559 | 4328.58 | 0.0007 | P | 1.4 |
| 4 | ☐ | 250.000 | 239.592 | 220974.53 | 0.0348 | P | 1.2 |
| 5 | ☐ | 625.000 | 592.333 | 565185.21 | 0.0860 | P | 2.0 |
| 6 | ☐ | 1250.000 | 1195.204 | 1128146.42 | 0.1736 | P | 3.4 |
| 7 | ☐ | 2500.000 | 2600.457 | 2384968.17 | 0.3776 | A | 6.4 |
| 8 | ☐ | 5000.000 | 4968.074 | 4731960.05 | 0.7215 | A | 1.4 |
| 9 | ☐ | | | 2289.13 | 0.0003 | P | 4.6 |

y = 1.4522E-004 * x + 8.7554E-007
R = 0.9997
DL = 0.03133

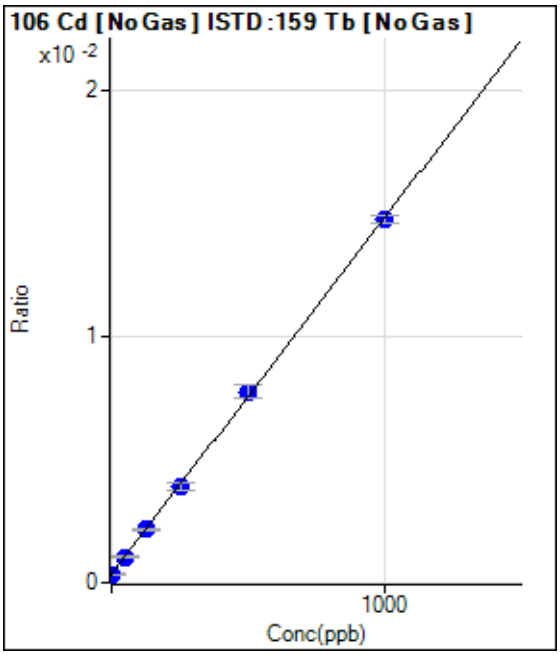
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19.44 | 0.0000 | P | 100.1 |
| 2 | ☐ | 0.500 | 0.417 | 1033.40 | 0.0002 | P | 6.6 |
| 3 | ☐ | 5.000 | 4.378 | 10910.07 | 0.0017 | P | 4.0 |
| 4 | ☐ | 250.000 | 236.641 | 572565.42 | 0.0902 | P | 2.3 |
| 5 | ☐ | 625.000 | 605.106 | 1514575.74 | 0.2305 | A | 2.6 |
| 6 | ☐ | 1250.000 | 1220.175 | 3021559.60 | 0.4649 | A | 3.2 |
| 7 | ☐ | 2500.000 | 2547.234 | 6129234.60 | 0.9704 | A | 6.0 |
| 8 | ☐ | 5000.000 | 4986.994 | 12460935.87 | 1.8999 | A | 1.7 |
| 9 | ☐ | | | 6118.19 | 0.0009 | P | 8.2 |

y = 3.8097E-004 * x + 3.1214E-006
R = 0.9999
DL = 0.0246

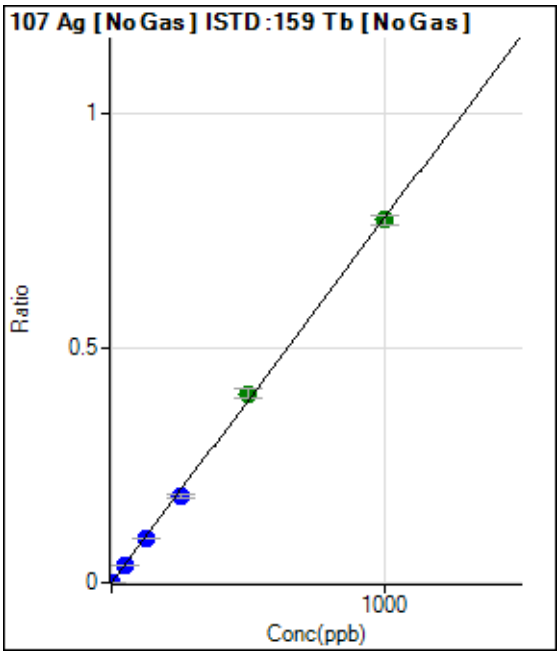
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1508.46 | 0.0003 | P | 11.7 |
| 2 | ☐ | 0.100 | -3.305 | 1316.76 | 0.0003 | P | 4.9 |
| 3 | ☐ | 1.000 | -3.282 | 1344.55 | 0.0003 | P | 7.9 |
| 4 | ☐ | 50.000 | 48.076 | 4550.88 | 0.0010 | P | 5.5 |
| 5 | ☐ | 125.000 | 124.671 | 9586.91 | 0.0021 | P | 3.5 |
| 6 | ☐ | 250.000 | 246.742 | 17581.14 | 0.0039 | P | 6.7 |
| 7 | ☐ | 500.000 | 512.845 | 34148.65 | 0.0078 | P | 6.2 |
| 8 | ☐ | 1000.000 | 994.534 | 66997.07 | 0.0147 | P | 2.2 |
| 9 | ☐ | | | 1402.90 | 0.0003 | P | 6.6 |

y = 1.4448E-005 * x + 3.4578E-004
R = 0.9999
DL = 8.392

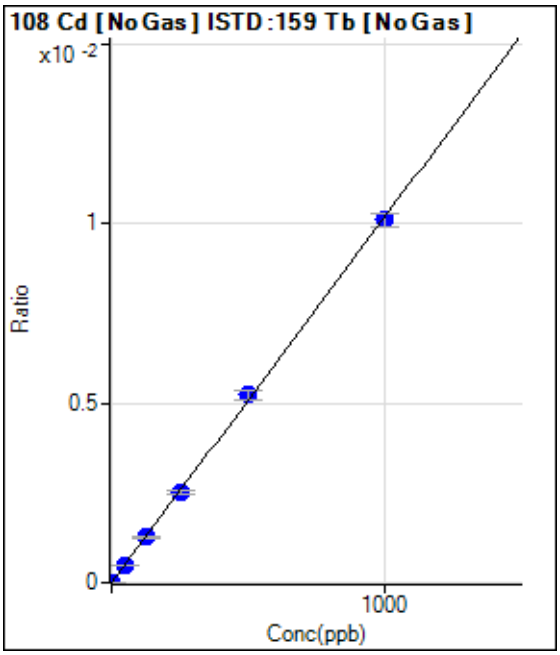
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 33.33 | 0.0000 | P | 49.6 |
| 2 | ☐ | 0.100 | 0.075 | 291.68 | 0.0001 | P | 6.9 |
| 3 | ☐ | 1.000 | 0.857 | 3030.97 | 0.0007 | P | 5.9 |
| 4 | ☐ | 50.000 | 47.739 | 162065.93 | 0.0370 | P | 1.9 |
| 5 | ☐ | 125.000 | 120.242 | 416788.72 | 0.0933 | P | 1.4 |
| 6 | ☐ | 250.000 | 236.574 | 825591.31 | 0.1836 | P | 4.5 |
| 7 | ☐ | 500.000 | 518.474 | 1771512.52 | 0.4023 | A | 5.6 |
| 8 | ☐ | 1000.000 | 994.827 | 3514435.54 | 0.7719 | A | 2.5 |
| 9 | ☐ | | | 1288.99 | 0.0003 | P | 9.9 |

y = 7.7591E-004 * x + 7.6210E-006
R = 0.9997
DL = 0.01462

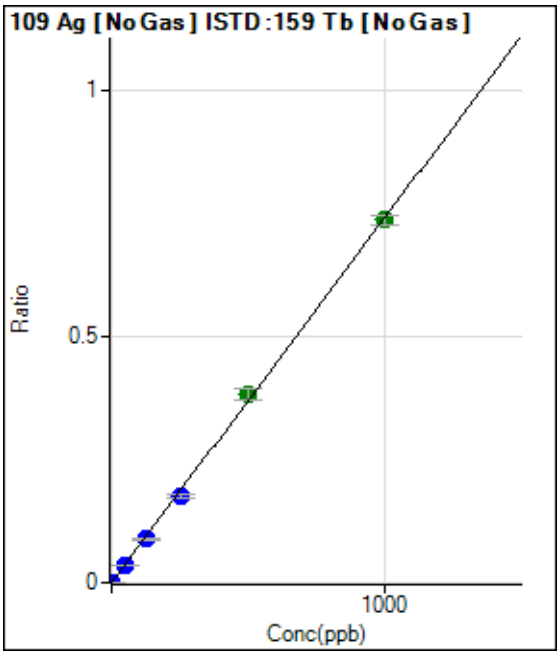
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.56 | 0.0000 | P | 42.6 |
| 2 | ☐ | 0.100 | 0.152 | 12.50 | 0.0000 | P | 32.5 |
| 3 | ☐ | 1.000 | 0.846 | 44.45 | 0.0000 | P | 47.4 |
| 4 | ☐ | 50.000 | 48.793 | 2176.59 | 0.0005 | P | 3.9 |
| 5 | ☐ | 125.000 | 124.556 | 5660.94 | 0.0013 | P | 3.9 |
| 6 | ☐ | 250.000 | 248.622 | 11371.45 | 0.0025 | P | 5.0 |
| 7 | ☐ | 500.000 | 514.620 | 23047.20 | 0.0052 | P | 5.1 |
| 8 | ☐ | 1000.000 | 993.151 | 45969.41 | 0.0101 | P | 3.7 |
| 9 | ☐ | | | 43.06 | 0.0000 | P | 23.3 |

y = 1.0166E-005 * x + 1.2712E-006
R = 0.9998
DL = 0.1599

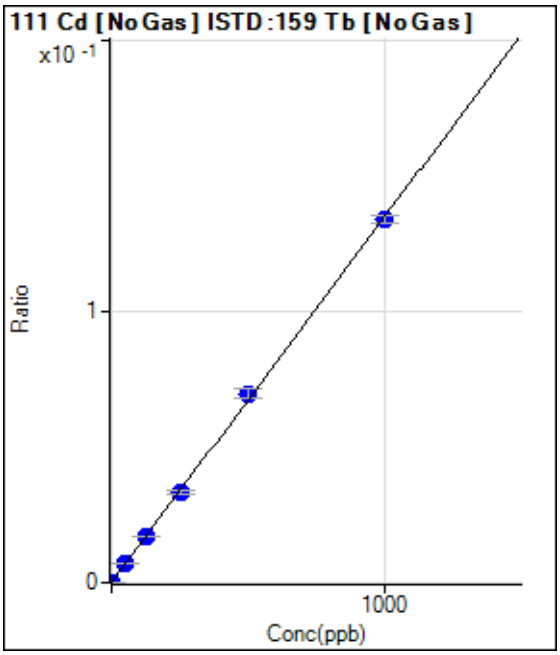
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19.44 | 0.0000 | P | 49.8 |
| 2 | ☐ | 0.100 | 0.093 | 325.02 | 0.0001 | P | 6.4 |
| 3 | ☐ | 1.000 | 0.876 | 2942.06 | 0.0007 | P | 5.3 |
| 4 | ☐ | 50.000 | 47.556 | 154066.66 | 0.0352 | P | 1.4 |
| 5 | ☐ | 125.000 | 119.644 | 395677.30 | 0.0886 | P | 1.9 |
| 6 | ☐ | 250.000 | 236.875 | 788948.41 | 0.1754 | P | 3.6 |
| 7 | ☐ | 500.000 | 517.331 | 1686738.91 | 0.3830 | A | 5.6 |
| 8 | ☐ | 1000.000 | 995.408 | 3355392.17 | 0.7370 | A | 2.9 |
| 9 | ☐ | | | 1255.65 | 0.0003 | P | 5.2 |

y = 7.4040E-004 * x + 4.4628E-006
R = 0.9997
DL = 0.009005

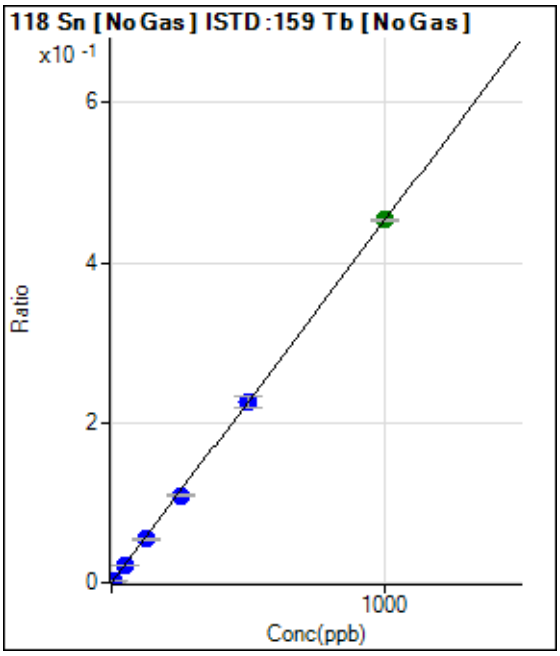
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 324.19 | 0.0001 | P | 11.6 |
| 2 | ☐ | 0.100 | 0.026 | 343.49 | 0.0001 | P | 10.2 |
| 3 | ☐ | 1.000 | 0.765 | 798.93 | 0.0002 | P | 3.8 |
| 4 | ☐ | 50.000 | 50.017 | 29772.91 | 0.0068 | P | 2.0 |
| 5 | ☐ | 125.000 | 125.893 | 76027.17 | 0.0170 | P | 2.0 |
| 6 | ☐ | 250.000 | 246.682 | 149736.71 | 0.0333 | P | 2.7 |
| 7 | ☐ | 500.000 | 516.561 | 306625.37 | 0.0696 | P | 5.0 |
| 8 | ☐ | 1000.000 | 992.437 | 608686.87 | 0.1337 | P | 2.0 |
| 9 | ☐ | | | 596.28 | 0.0001 | P | 6.5 |

y = 1.3463E-004 * x + 7.4308E-005
R = 0.9998
DL = 0.1924

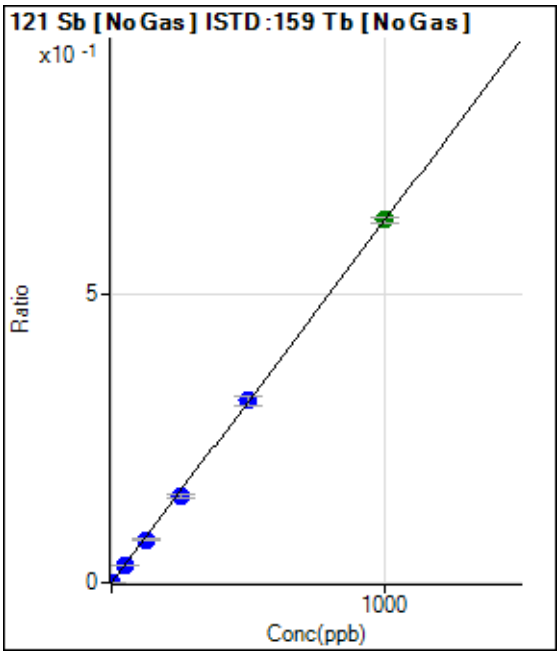
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 269.45 | 0.0001 | P | 5.6 |
| 2 | ☐ | 0.500 | 0.511 | 1294.54 | 0.0003 | P | 6.5 |
| 3 | ☐ | 5.000 | 4.556 | 9561.91 | 0.0021 | P | 1.0 |
| 4 | ☐ | 50.000 | 48.737 | 96641.50 | 0.0221 | P | 1.4 |
| 5 | ☐ | 125.000 | 120.189 | 242960.01 | 0.0544 | P | 2.6 |
| 6 | ☐ | 250.000 | 241.090 | 490601.03 | 0.1091 | P | 3.4 |
| 7 | ☐ | 500.000 | 500.982 | 997645.18 | 0.2266 | P | 6.3 |
| 8 | ☐ | 1000.000 | 1002.403 | 2064176.13 | 0.4533 | A | 0.8 |
| 9 | ☐ | | | 1841.85 | 0.0004 | P | 5.1 |

y = 4.5213E-004 * x + 6.1755E-005
R = 1.0000
DL = 0.02281

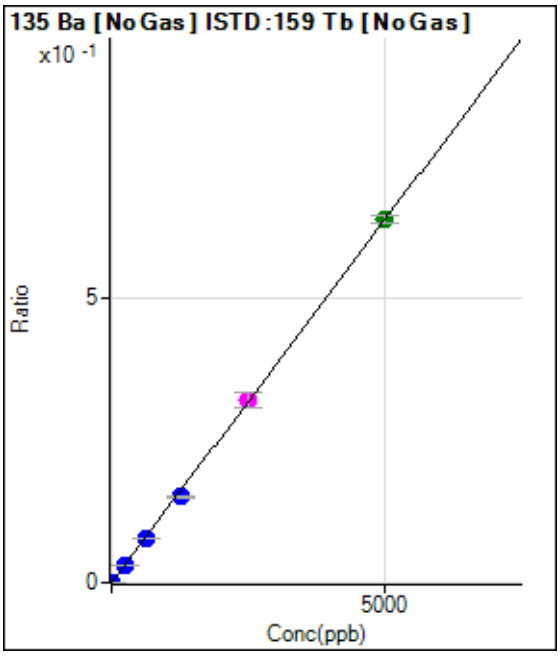
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22.22 | 0.0000 | P | 43.0 |
| 2 | ☐ | 0.200 | 0.190 | 547.25 | 0.0001 | P | 10.9 |
| 3 | ☐ | 2.000 | 1.883 | 5337.30 | 0.0012 | P | 4.6 |
| 4 | ☐ | 50.000 | 47.957 | 131386.98 | 0.0300 | P | 1.1 |
| 5 | ☐ | 125.000 | 119.442 | 334105.35 | 0.0748 | P | 1.6 |
| 6 | ☐ | 250.000 | 239.432 | 674447.05 | 0.1499 | P | 3.2 |
| 7 | ☐ | 500.000 | 502.280 | 1385145.06 | 0.3145 | P | 5.3 |
| 8 | ☐ | 1000.000 | 1002.299 | 2857913.48 | 0.6277 | A | 1.2 |
| 9 | ☐ | | | 2464.18 | 0.0005 | P | 1.4 |

y = 6.2621E-004 * x + 5.0876E-006
R = 0.9999
DL = 0.01047

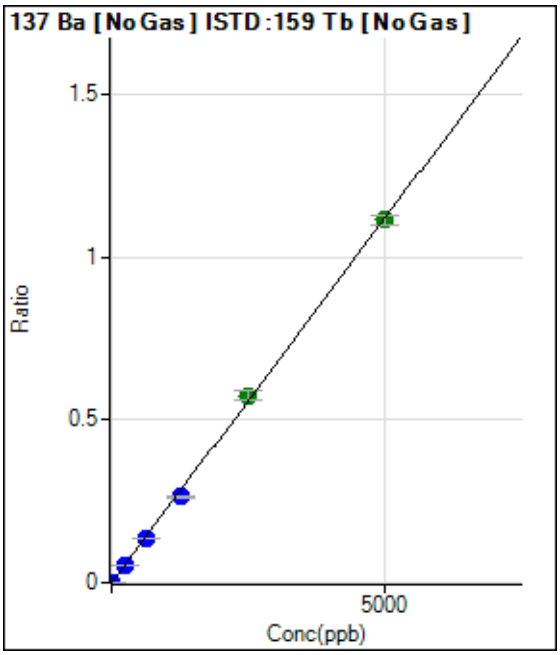
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 30.56 | 0.0000 | P | 56.2 |
| 2 | ☐ | 1.000 | 0.809 | 486.13 | 0.0001 | P | 11.7 |
| 3 | ☐ | 10.000 | 9.443 | 5440.14 | 0.0012 | P | 0.8 |
| 4 | ☐ | 250.000 | 240.060 | 133458.39 | 0.0305 | P | 1.7 |
| 5 | ☐ | 625.000 | 602.089 | 341848.44 | 0.0765 | P | 0.6 |
| 6 | ☐ | 1250.000 | 1186.491 | 678395.82 | 0.1508 | P | 2.5 |
| 7 | ☐ | 2500.000 | 2525.448 | 1412681.41 | 0.3210 | M | 8.0 |
| 8 | ☐ | 5000.000 | 5006.515 | 2897164.47 | 0.6363 | A | 2.0 |
| 9 | ☐ | | | 1491.79 | 0.0003 | P | 4.2 |

y = 1.2709E-004 * x + 6.9919E-006
R = 0.9999
DL = 0.09281

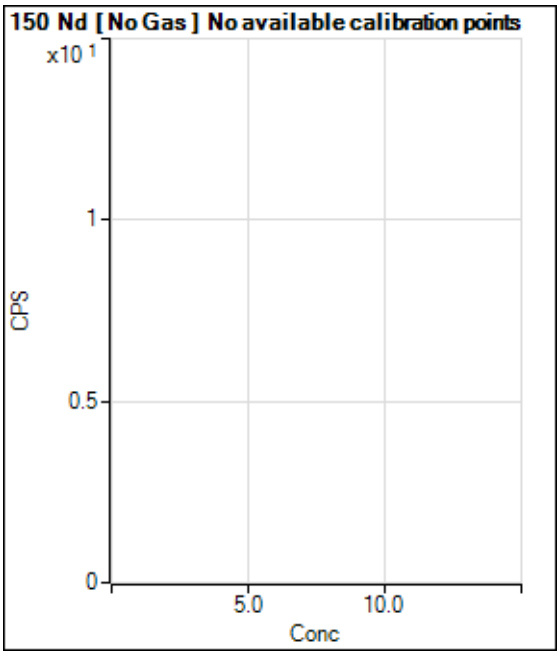
Weight: <None>
Min Conc: 0



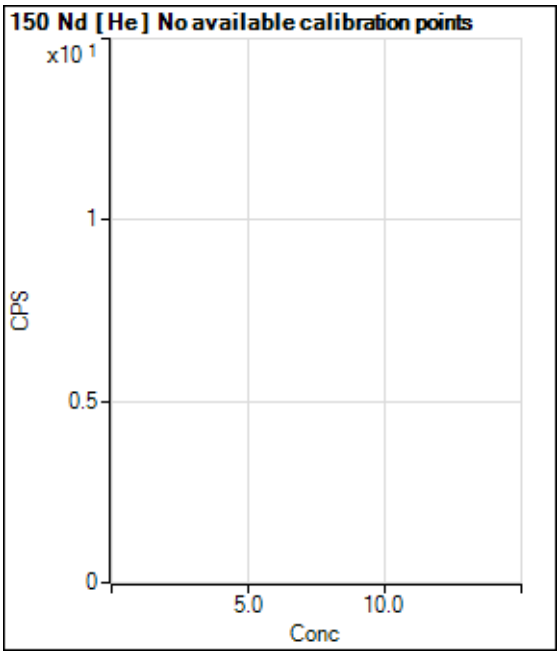

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 41.67 | 0.0000 | P | 59.8 |
| 2 | ☐ | 1.000 | 0.870 | 902.84 | 0.0002 | P | 7.0 |
| 3 | ☐ | 10.000 | 9.574 | 9689.79 | 0.0022 | P | 2.1 |
| 4 | ☐ | 250.000 | 238.011 | 232797.94 | 0.0532 | P | 2.0 |
| 5 | ☐ | 625.000 | 600.241 | 599429.89 | 0.1342 | P | 1.9 |
| 6 | ☐ | 1250.000 | 1183.362 | 1190321.78 | 0.2646 | P | 2.4 |
| 7 | ☐ | 2500.000 | 2572.322 | 2532818.50 | 0.5751 | A | 5.2 |
| 8 | ☐ | 5000.000 | 4984.194 | 5073701.50 | 1.1144 | A | 2.6 |
| 9 | ☐ | | | 2683.68 | 0.0006 | P | 6.3 |

y = 2.2358E-004 * x + 9.5528E-006
R = 0.9998
DL = 0.07667

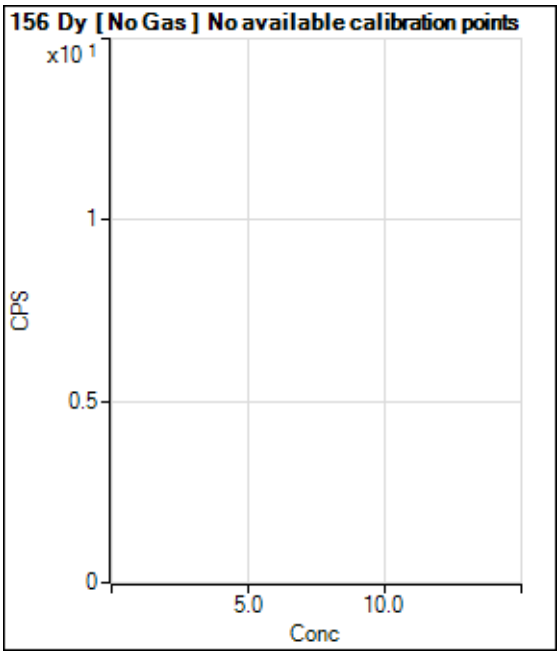
Weight: <None>
Min Conc: 0



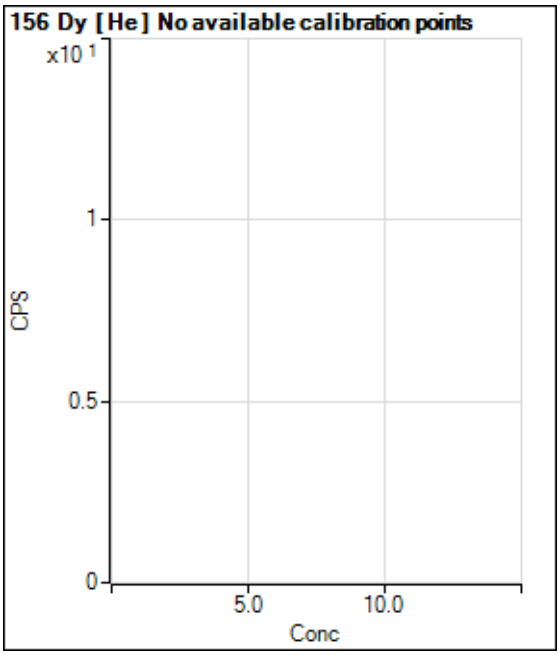

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 173.2 |
| 2 | ☐ | | | 6.67 | | P | 100.0 |
| 3 | ☐ | | | 6.67 | | P | 0.0 |
| 4 | ☐ | | | 17.78 | | P | 43.3 |
| 5 | ☐ | | | 17.78 | | P | 78.1 |
| 6 | ☐ | | | 42.22 | | P | 18.2 |
| 7 | ☐ | | | 51.11 | | P | 7.5 |
| 8 | ☐ | | | 84.45 | | P | 18.2 |
| 9 | ☐ | | | 11.11 | | P | 124.9 |



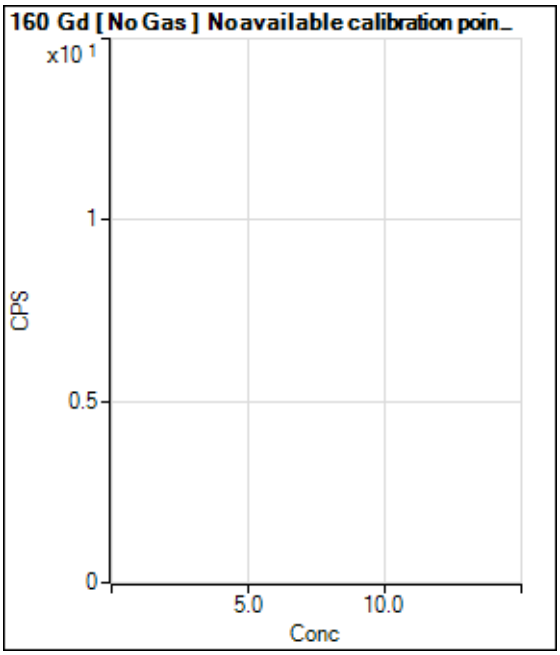

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 173.2 |
| 2 | ☐ | | | 2.22 | | P | 86.6 |
| 3 | ☐ | | | 0.00 | | P | |
| 4 | ☐ | | | 1.11 | | P | 173.2 |
| 5 | ☐ | | | 3.33 | | P | 100.1 |
| 6 | ☐ | | | 4.44 | | P | 43.4 |
| 7 | ☐ | | | 3.33 | | P | 0.0 |
| 8 | ☐ | | | 1.11 | | P | 173.2 |
| 9 | ☐ | | | 6.66 | | P | 86.6 |



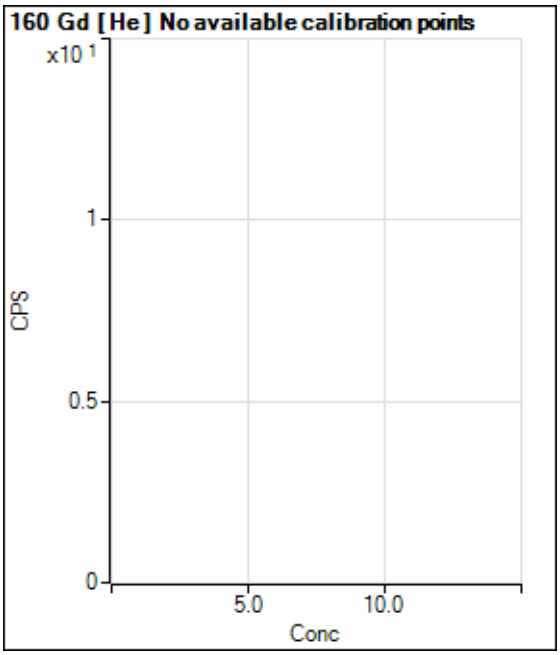

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 11.11 | | P | 114.6 |
| 2 | ☐ | | | 0.00 | | P | |
| 3 | ☐ | | | 8.33 | | P | 0.0 |
| 4 | ☐ | | | 11.11 | | P | 43.3 |
| 5 | ☐ | | | 22.22 | | P | 57.3 |
| 6 | ☐ | | | 25.00 | | P | 33.3 |
| 7 | ☐ | | | 80.56 | | P | 6.0 |
| 8 | ☐ | | | 144.45 | | P | 23.3 |
| 9 | ☐ | | | 605.58 | | P | 3.5 |



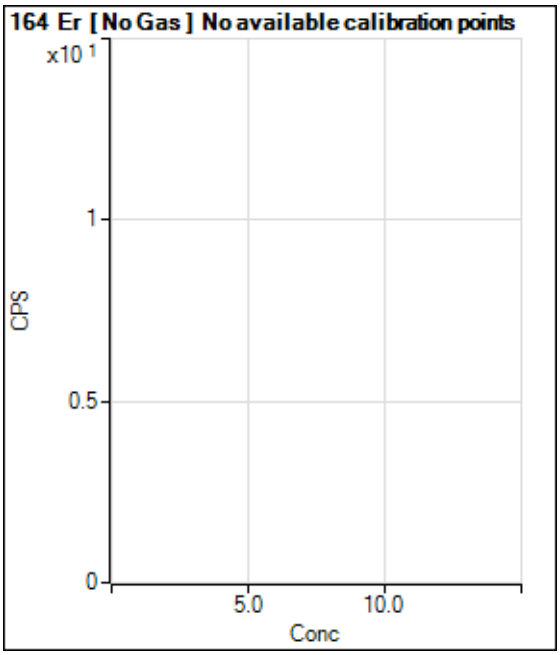

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 2.22 | | P | 173.2 |
| 3 | ☐ | | | 1.11 | | P | 173.2 |
| 4 | ☐ | | | 6.67 | | P | 50.0 |
| 5 | ☐ | | | 11.11 | | P | 75.5 |
| 6 | ☐ | | | 23.33 | | P | 42.9 |
| 7 | ☐ | | | 41.11 | | P | 4.7 |
| 8 | ☐ | | | 74.44 | | P | 33.6 |
| 9 | ☐ | | | 321.12 | | P | 3.2 |



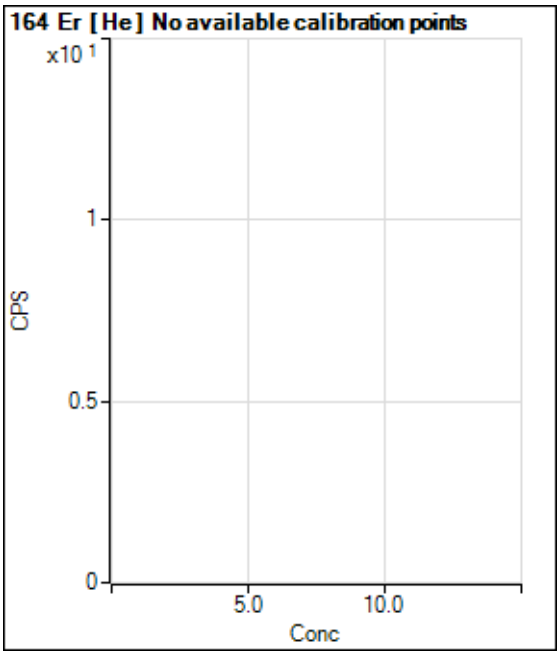

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 47.22 | | P | 44.4 |
| 2 | ☐ | | | 27.78 | | P | 17.3 |
| 3 | ☐ | | | 55.56 | | P | 8.7 |
| 4 | ☐ | | | 36.11 | | P | 35.3 |
| 5 | ☐ | | | 58.33 | | P | 24.7 |
| 6 | ☐ | | | 75.00 | | P | 58.8 |
| 7 | ☐ | | | 105.56 | | P | 19.9 |
| 8 | ☐ | | | 197.23 | | P | 34.2 |
| 9 | ☐ | | | 730.59 | | P | 5.3 |



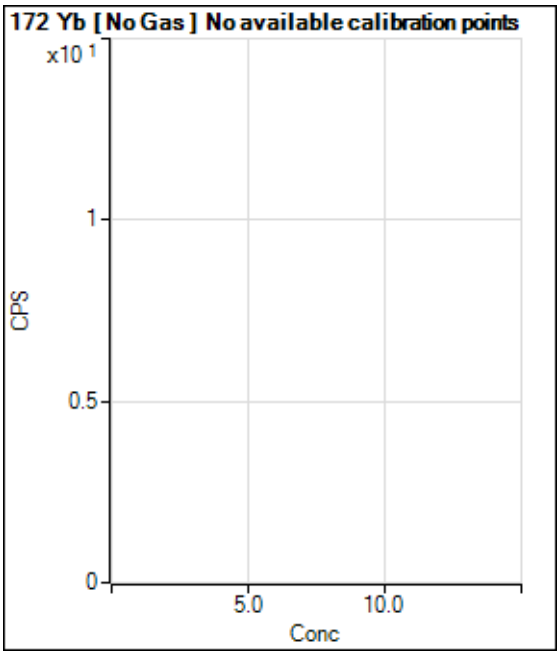

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 12.22 | | P | 41.7 |
| 2 | ☐ | | | 12.22 | | P | 95.8 |
| 3 | ☐ | | | 7.78 | | P | 24.7 |
| 4 | ☐ | | | 15.56 | | P | 61.9 |
| 5 | ☐ | | | 24.45 | | P | 28.4 |
| 6 | ☐ | | | 30.00 | | P | 11.1 |
| 7 | ☐ | | | 64.44 | | P | 13.0 |
| 8 | ☐ | | | 88.89 | | P | 20.7 |
| 9 | ☐ | | | 430.01 | | P | 2.3 |



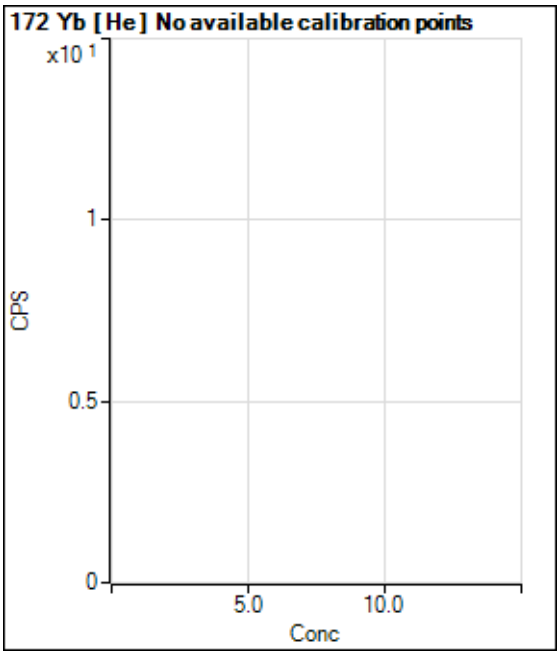

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 27.78 | | P | 75.5 |
| 2 | ☐ | | | 25.00 | | P | 88.2 |
| 3 | ☐ | | | 44.45 | | P | 39.0 |
| 4 | ☐ | | | 25.00 | | P | 120.2 |
| 5 | ☐ | | | 38.89 | | P | 61.9 |
| 6 | ☐ | | | 41.67 | | P | 20.0 |
| 7 | ☐ | | | 33.33 | | P | 50.0 |
| 8 | ☐ | | | 50.00 | | P | 33.3 |
| 9 | ☐ | | | 105.56 | | P | 27.7 |



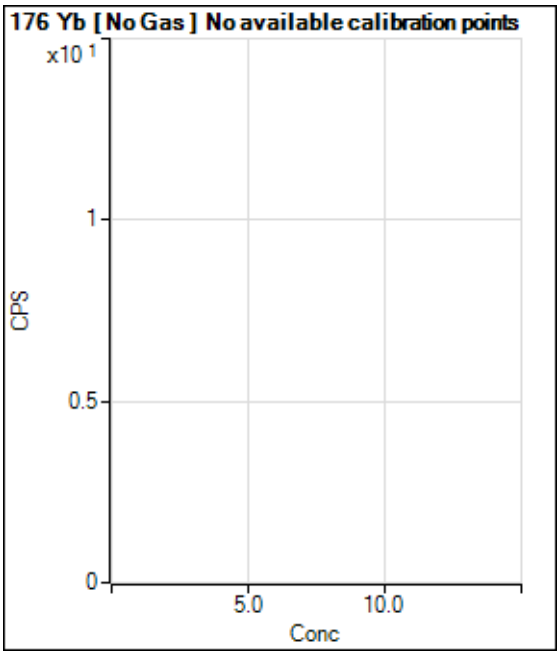

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 16.67 | | P | 52.9 |
| 2 | ☐ | | | 22.22 | | P | 60.6 |
| 3 | ☐ | | | 11.11 | | P | 75.5 |
| 4 | ☐ | | | 5.55 | | P | 69.3 |
| 5 | ☐ | | | 23.33 | | P | 37.8 |
| 6 | ☐ | | | 23.34 | | P | 24.7 |
| 7 | ☐ | | | 20.00 | | P | 28.9 |
| 8 | ☐ | | | 25.56 | | P | 60.2 |
| 9 | ☐ | | | 51.11 | | P | 10.0 |



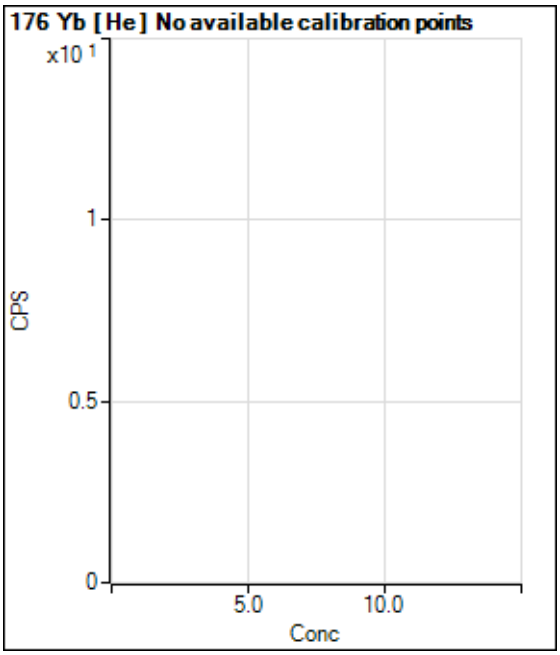

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.33 | | P | 100.0 |
| 2 | ☐ | | | 22.22 | | P | 43.3 |
| 3 | ☐ | | | 13.89 | | P | 124.9 |
| 4 | ☐ | | | 19.45 | | P | 24.7 |
| 5 | ☐ | | | 13.89 | | P | 69.3 |
| 6 | ☐ | | | 25.00 | | P | 66.7 |
| 7 | ☐ | | | 11.11 | | P | 43.3 |
| 8 | ☐ | | | 5.55 | | P | 86.6 |
| 9 | ☐ | | | 25.00 | | P | 33.3 |



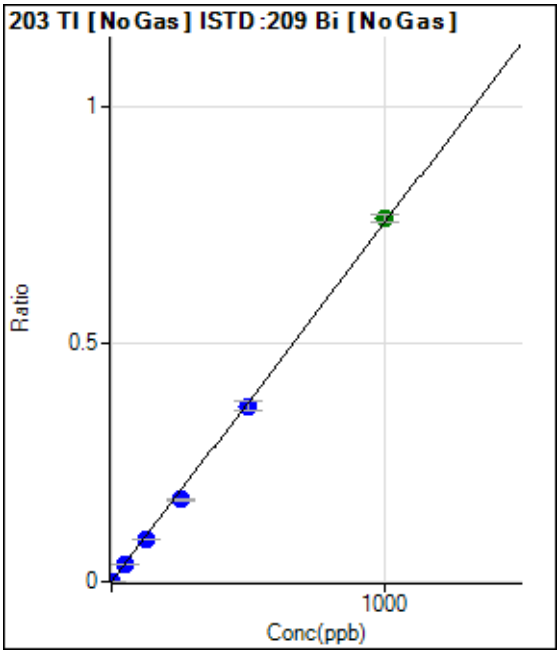

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 3.71 | | P | 86.6 |
| 2 | ☐ | | | 3.71 | | P | 86.6 |
| 3 | ☐ | | | 7.41 | | P | 86.6 |
| 4 | ☐ | | | 12.96 | | P | 89.2 |
| 5 | ☐ | | | 12.96 | | P | 89.2 |
| 6 | ☐ | | | 7.41 | | P | 114.5 |
| 7 | ☐ | | | 7.41 | | P | 114.5 |
| 8 | ☐ | | | 7.41 | | P | 43.2 |
| 9 | ☐ | | | 25.93 | | P | 65.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 402.79 | | P | 11.9 |
| 2 | ☐ | | | 416.68 | | P | 13.1 |
| 3 | ☐ | | | 438.91 | | P | 20.9 |
| 4 | ☐ | | | 388.91 | | P | 6.9 |
| 5 | ☐ | | | 375.01 | | P | 22.6 |
| 6 | ☐ | | | 427.80 | | P | 9.6 |
| 7 | ☐ | | | 469.47 | | P | 4.5 |
| 8 | ☐ | | | 433.35 | | P | 6.9 |
| 9 | ☐ | | | 438.91 | | P | 40.0 |



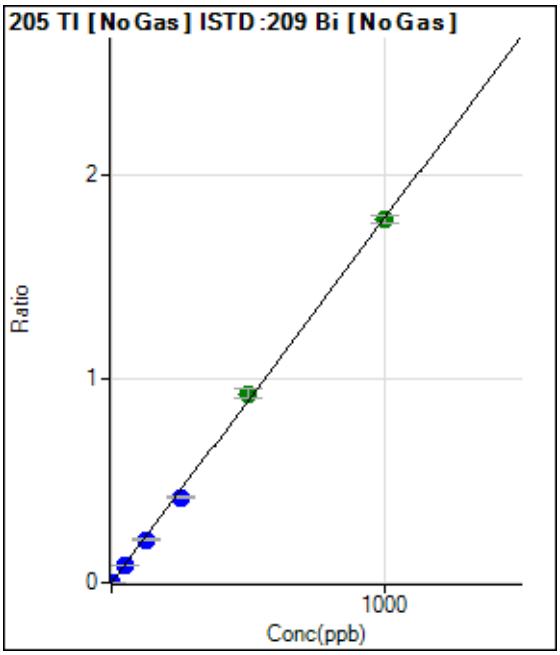

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 292.60 | | P | 10.8 |
| 2 | ☐ | | | 203.71 | | P | 29.2 |
| 3 | ☐ | | | 201.86 | | P | 5.7 |
| 4 | ☐ | | | 229.63 | | P | 6.1 |
| 5 | ☐ | | | 229.64 | | P | 19.4 |
| 6 | ☐ | | | 201.86 | | P | 17.5 |
| 7 | ☐ | | | 214.82 | | P | 7.9 |
| 8 | ☐ | | | 216.67 | | P | 37.2 |
| 9 | ☐ | | | 262.97 | | P | 4.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.22 | 0.0000 | P | 23.1 |
| 2 | ☐ | 0.100 | 0.089 | 255.57 | 0.0001 | P | 15.4 |
| 3 | ☐ | 1.000 | 0.853 | 1658.49 | 0.0007 | P | 8.7 |
| 4 | ☐ | 50.000 | 46.477 | 83214.62 | 0.0351 | P | 0.5 |
| 5 | ☐ | 125.000 | 117.578 | 211048.53 | 0.0887 | P | 1.8 |
| 6 | ☐ | 250.000 | 230.182 | 419850.55 | 0.1736 | P | 2.2 |
| 7 | ☐ | 500.000 | 489.314 | 875072.40 | 0.3689 | P | 5.6 |
| 8 | ☐ | 1000.000 | 1011.402 | 1842142.27 | 0.7624 | A | 2.3 |
| 9 | ☐ | | | 769.49 | 0.0003 | P | 28.4 |

y = 7.5379E-004 * x + 4.1965E-005
R = 0.9997
DL = 0.03857

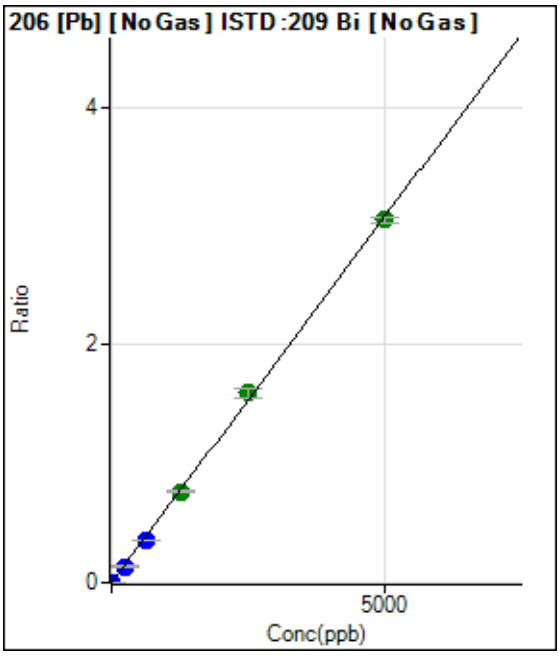
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 202.78 | 0.0001 | P | 13.1 |
| 2 | ☐ | 0.100 | 0.102 | 627.81 | 0.0003 | P | 22.1 |
| 3 | ☐ | 1.000 | 0.871 | 3975.73 | 0.0016 | P | 4.8 |
| 4 | ☐ | 50.000 | 46.099 | 195389.11 | 0.0824 | P | 2.3 |
| 5 | ☐ | 125.000 | 118.605 | 504061.16 | 0.2118 | P | 1.1 |
| 6 | ☐ | 250.000 | 232.712 | 1004890.10 | 0.4154 | P | 1.9 |
| 7 | ☐ | 500.000 | 519.063 | 2197649.05 | 0.9264 | A | 5.6 |
| 8 | ☐ | 1000.000 | 995.785 | 4294141.37 | 1.7772 | A | 2.1 |
| 9 | ☐ | | | 2027.99 | 0.0009 | P | 14.5 |

y = 0.0018 * x + 8.7145E-005
R = 0.9996
DL = 0.01918

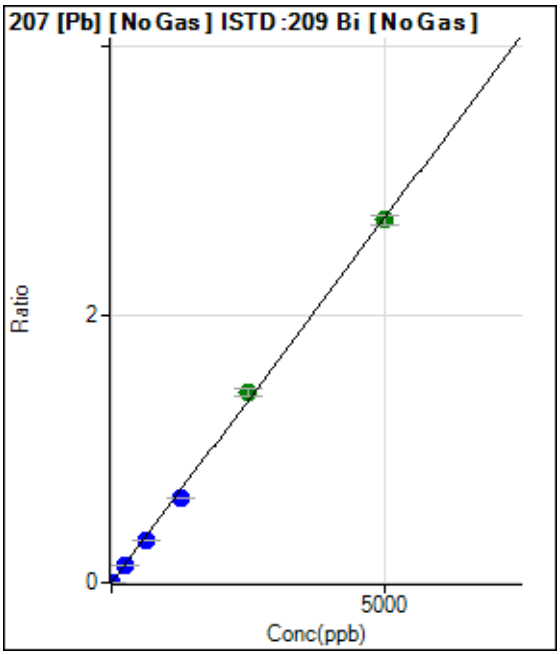
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 177.78 | 0.0001 | P | 20.3 |
| 2 | ☐ | 0.100 | 0.104 | 329.64 | 0.0001 | P | 9.2 |
| 3 | ☐ | 1.000 | 0.811 | 1392.70 | 0.0006 | P | 5.9 |
| 4 | ☐ | 250.000 | 222.112 | 324091.90 | 0.1366 | P | 2.3 |
| 5 | ☐ | 625.000 | 576.567 | 843646.79 | 0.3545 | P | 3.1 |
| 6 | ☐ | 1250.000 | 1245.791 | 1852672.58 | 0.7658 | A | 1.6 |
| 7 | ☐ | 2500.000 | 2593.933 | 3783043.17 | 1.5945 | A | 4.8 |
| 8 | ☐ | 5000.000 | 4961.534 | 7368987.95 | 3.0498 | A | 1.8 |
| 9 | ☐ | | | 15314.80 | 0.0064 | P | 0.6 |

y = 6.1467E-004 * x + 7.6899E-005
R = 0.9997
DL = 0.07626

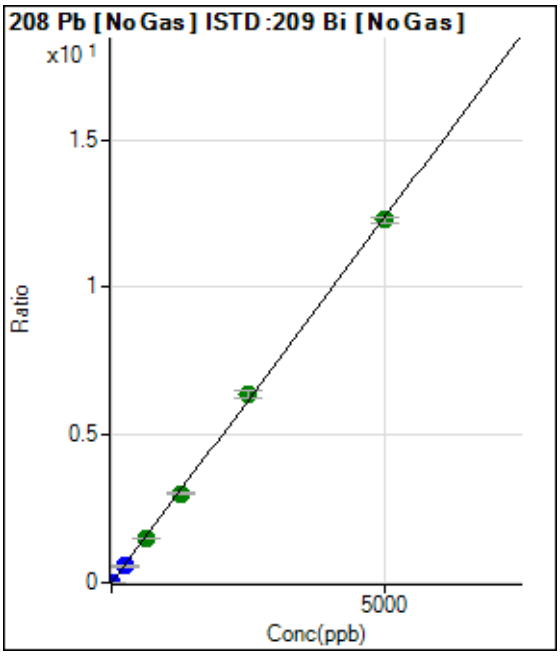
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 164.82 | 0.0001 | P | 16.4 |
| 2 | ☐ | 0.100 | 0.088 | 275.93 | 0.0001 | P | 24.5 |
| 3 | ☐ | 1.000 | 0.904 | 1363.06 | 0.0006 | P | 5.0 |
| 4 | ☐ | 250.000 | 227.962 | 294452.78 | 0.1241 | P | 0.2 |
| 5 | ☐ | 625.000 | 581.206 | 752845.07 | 0.3163 | P | 2.9 |
| 6 | ☐ | 1250.000 | 1155.857 | 1521710.83 | 0.6290 | P | 1.5 |
| 7 | ☐ | 2500.000 | 2609.806 | 3369720.30 | 1.4202 | A | 4.1 |
| 8 | ☐ | 5000.000 | 4975.209 | 6541321.91 | 2.7074 | A | 2.4 |
| 9 | ☐ | | | 13531.32 | 0.0057 | P | 0.8 |

y = 5.4416E-004 * x + 7.0994E-005
R = 0.9995
DL = 0.06424

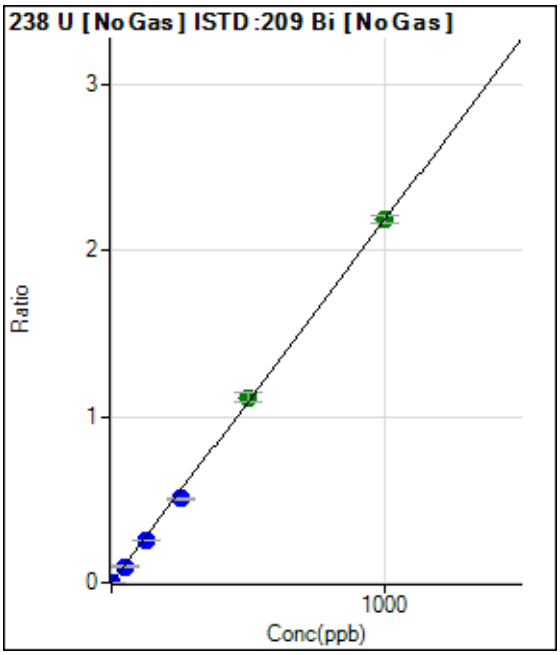
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 724.10 | 0.0003 | P | 9.3 |
| 2 | ☐ | 0.100 | 0.101 | 1309.31 | 0.0006 | P | 5.4 |
| 3 | ☐ | 1.000 | 0.865 | 5932.12 | 0.0025 | P | 4.3 |
| 4 | ☐ | 250.000 | 224.633 | 1317929.39 | 0.5555 | P | 1.3 |
| 5 | ☐ | 625.000 | 603.765 | 3552383.68 | 1.4926 | A | 2.8 |
| 6 | ☐ | 1250.000 | 1218.432 | 7285763.79 | 3.0119 | A | 1.5 |
| 7 | ☐ | 2500.000 | 2585.046 | 15160964.75 | 6.3897 | A | 4.4 |
| 8 | ☐ | 5000.000 | 4969.292 | 29679088.92 | 12.2827 | A | 1.4 |
| 9 | ☐ | | | 62339.66 | 0.0262 | P | 0.5 |

y = 0.0025 * x + 3.1181E-004
R = 0.9998
DL = 0.03506

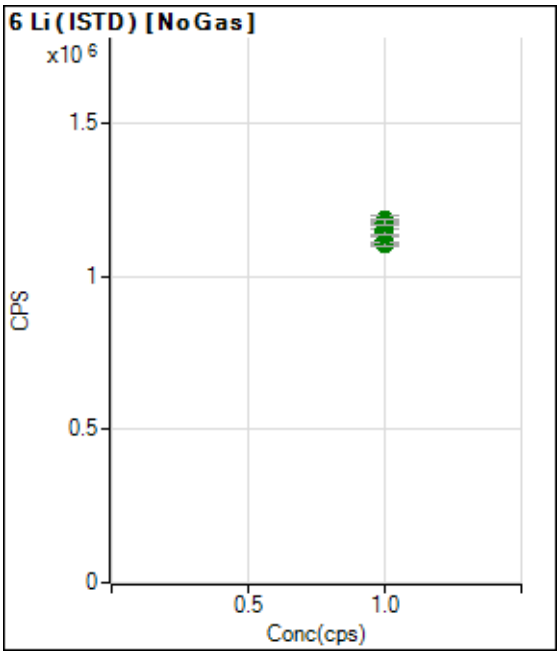
Weight: <None>
Min Conc: 0



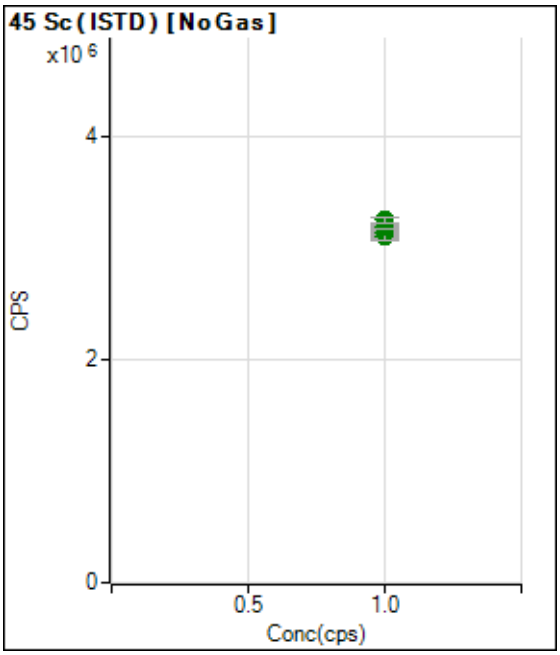

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.55 | 0.0000 | P | 86.6 |
| 2 | ☐ | 0.100 | 0.096 | 494.47 | 0.0002 | P | 5.0 |
| 3 | ☐ | 1.000 | 0.886 | 4689.89 | 0.0019 | P | 3.1 |
| 4 | ☐ | 50.000 | 45.046 | 233521.14 | 0.0984 | P | 2.0 |
| 5 | ☐ | 125.000 | 116.671 | 606724.91 | 0.2549 | P | 2.6 |
| 6 | ☐ | 250.000 | 231.175 | 1222003.52 | 0.5051 | P | 2.0 |
| 7 | ☐ | 500.000 | 510.356 | 2645580.57 | 1.1151 | A | 5.6 |
| 8 | ☐ | 1000.000 | 1000.817 | 5283678.29 | 2.1868 | A | 2.2 |
| 9 | ☐ | | | 1394.56 | 0.0006 | P | 1.2 |

y = 0.0022 * x + 2.4321E-006
R = 0.9997
DL = 0.002893

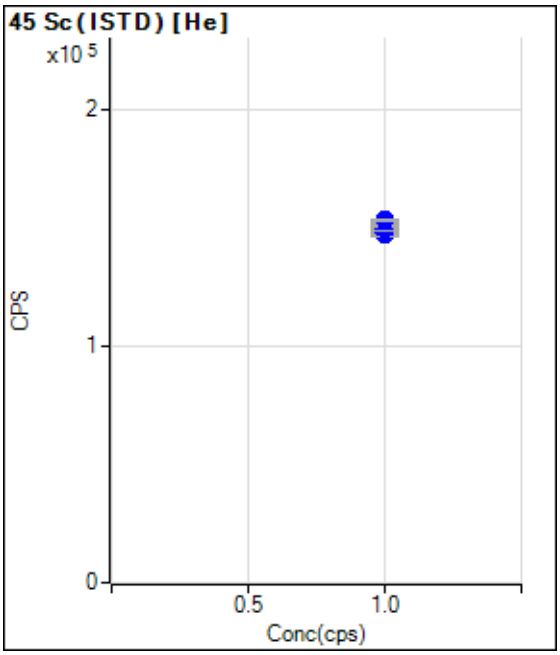
Weight: <None>
Min Conc: 0



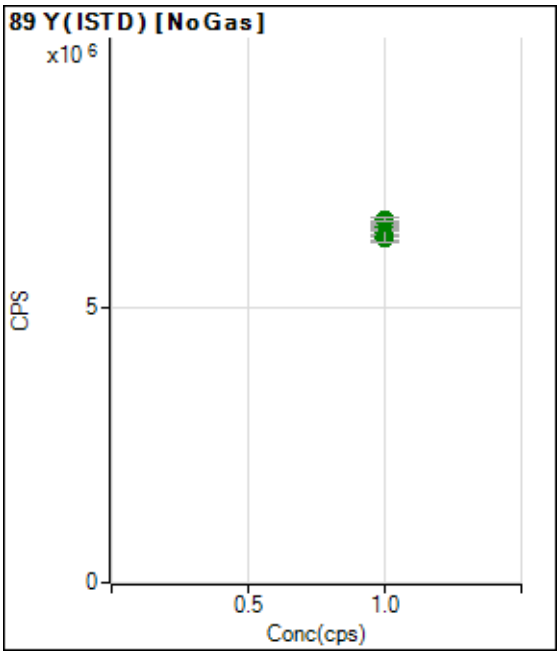

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1119096.34 | | A | 2.2 |
| 2 | ☐ | 1.000 | | 1103968.98 | | A | 1.4 |
| 3 | ☐ | 1.000 | | 1144329.59 | | A | 2.1 |
| 4 | ☐ | 1.000 | | 1134629.71 | | A | 0.3 |
| 5 | ☐ | 1.000 | | 1146482.95 | | A | 2.1 |
| 6 | ☐ | 1.000 | | 1155467.79 | | A | 2.9 |
| 7 | ☐ | 1.000 | | 1158485.58 | | A | 4.2 |
| 8 | ☐ | 1.000 | | 1184798.34 | | A | 2.2 |
| 9 | ☐ | 1.000 | | 1176150.67 | | A | 1.8 |



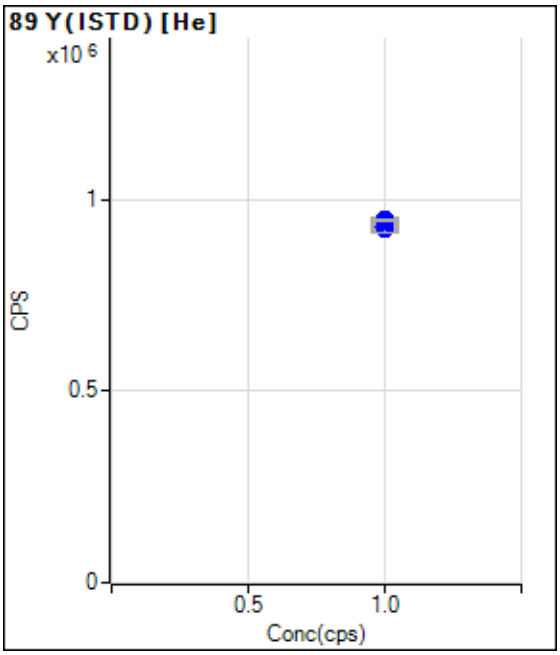

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3090419.92 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 3113464.95 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 3123677.52 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 3102503.81 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 3169435.37 | | A | 2.4 |
| 6 | ☐ | 1.000 | | 3170169.85 | | A | 1.5 |
| 7 | ☐ | 1.000 | | 3125441.20 | | A | 3.9 |
| 8 | ☐ | 1.000 | | 3192204.36 | | A | 1.3 |
| 9 | ☐ | 1.000 | | 3247239.15 | | A | 1.9 |



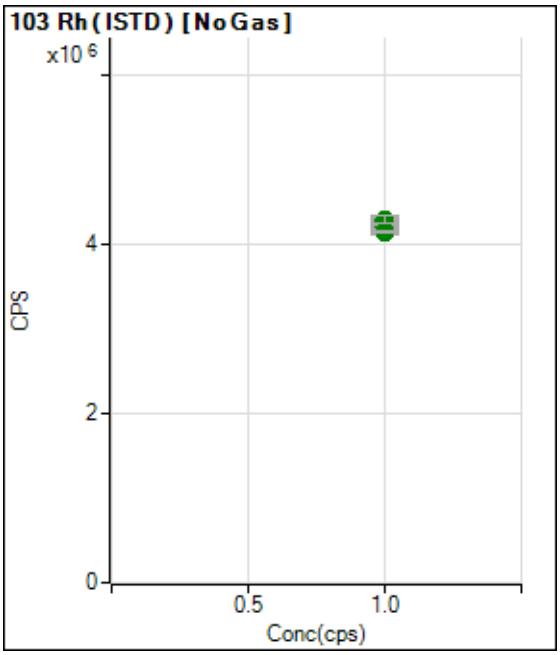

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 147177.34 | | P | 1.1 |
| 2 | ☐ | 1.000 | | 152038.00 | | P | 1.2 |
| 3 | ☐ | 1.000 | | 149137.13 | | P | 0.9 |
| 4 | ☐ | 1.000 | | 148170.03 | | P | 1.4 |
| 5 | ☐ | 1.000 | | 150968.10 | | P | 0.7 |
| 6 | ☐ | 1.000 | | 148202.25 | | P | 2.8 |
| 7 | ☐ | 1.000 | | 149386.97 | | P | 1.2 |
| 8 | ☐ | 1.000 | | 152299.21 | | P | 2.0 |
| 9 | ☐ | 1.000 | | 153225.80 | | P | 0.8 |



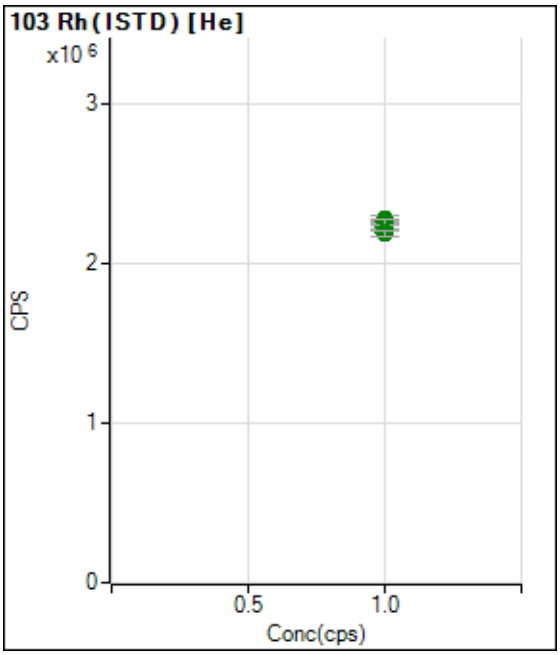

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6279213.10 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 6374699.07 | | A | 1.4 |
| 3 | ☐ | 1.000 | | 6528330.53 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 6350773.94 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 6571350.39 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 6502207.13 | | A | 2.6 |
| 7 | ☐ | 1.000 | | 6326180.25 | | A | 4.0 |
| 8 | ☐ | 1.000 | | 6559086.50 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 6618805.59 | | A | 1.0 |



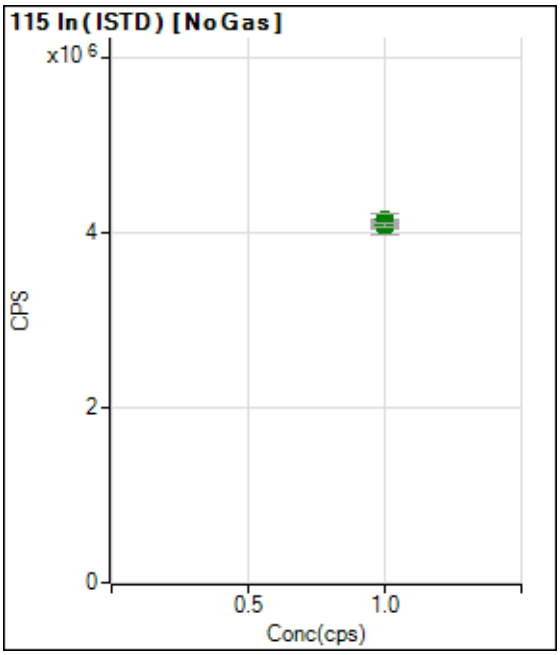

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 922931.84 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 926141.60 | | P | 1.0 |
| 3 | ☐ | 1.000 | | 932192.12 | | P | 1.4 |
| 4 | ☐ | 1.000 | | 925258.92 | | P | 1.2 |
| 5 | ☐ | 1.000 | | 931826.64 | | P | 0.3 |
| 6 | ☐ | 1.000 | | 925370.84 | | P | 3.1 |
| 7 | ☐ | 1.000 | | 941917.62 | | P | 1.7 |
| 8 | ☐ | 1.000 | | 941105.01 | | P | 0.6 |
| 9 | ☐ | 1.000 | | 945707.45 | | P | 0.9 |



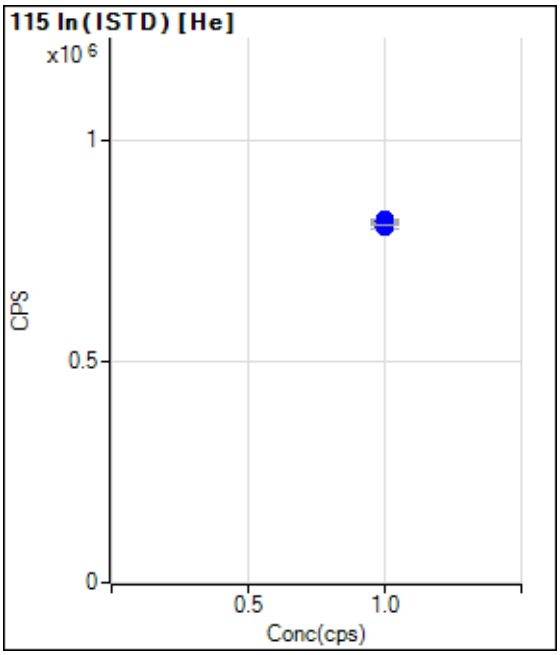

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4247738.55 | | A | 2.0 |
| 2 | ☐ | 1.000 | | 4246671.62 | | A | 2.7 |
| 3 | ☐ | 1.000 | | 4283653.05 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 4178357.00 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 4261248.58 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 4201149.53 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 4166147.75 | | A | 3.2 |
| 8 | ☐ | 1.000 | | 4285113.60 | | A | 2.1 |
| 9 | ☐ | 1.000 | | 4137769.84 | | A | 0.4 |



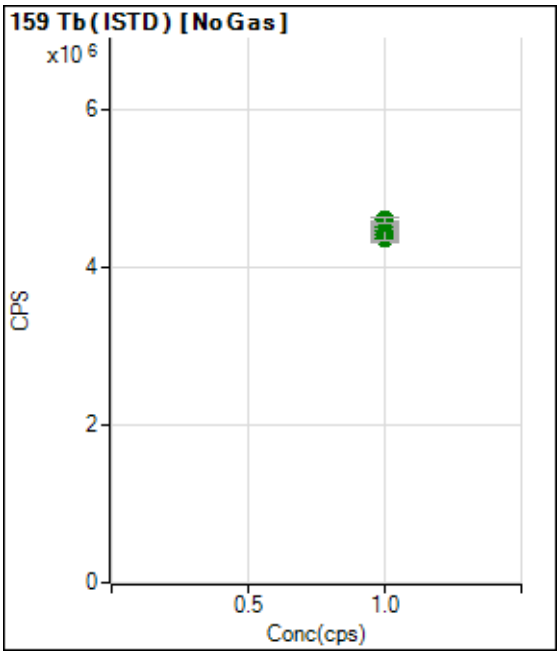

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2235093.00 | | A | 2.7 |
| 2 | ☐ | 1.000 | | 2263783.63 | | A | 1.0 |
| 3 | ☐ | 1.000 | | 2275188.04 | | A | 2.1 |
| 4 | ☐ | 1.000 | | 2246132.14 | | A | 0.1 |
| 5 | ☐ | 1.000 | | 2270638.37 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 2257408.91 | | A | 0.1 |
| 7 | ☐ | 1.000 | | 2243130.31 | | A | 2.3 |
| 8 | ☐ | 1.000 | | 2264827.09 | | A | 1.5 |
| 9 | ☐ | 1.000 | | 2190380.75 | | A | 1.4 |



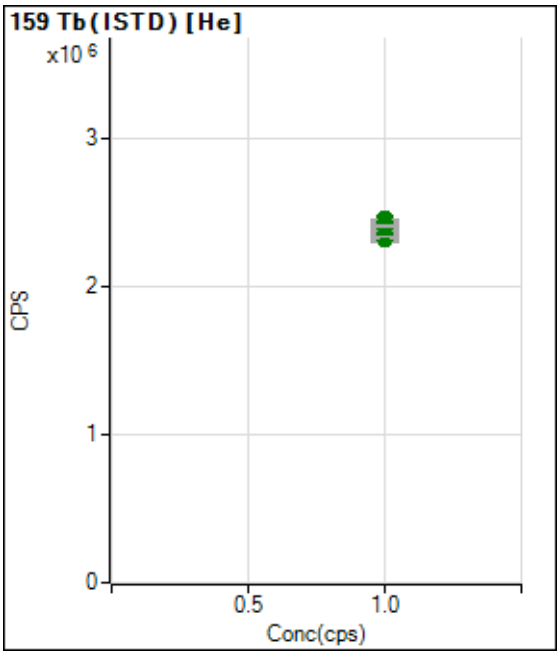

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4093092.99 | | A | 1.6 |
| 2 | ☐ | 1.000 | | 4062343.25 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 4115341.85 | | A | 1.9 |
| 4 | ☐ | 1.000 | | 4063738.21 | | A | 0.3 |
| 5 | ☐ | 1.000 | | 4135862.92 | | A | 1.5 |
| 6 | ☐ | 1.000 | | 4151269.08 | | A | 3.1 |
| 7 | ☐ | 1.000 | | 4059764.84 | | A | 4.1 |
| 8 | ☐ | 1.000 | | 4113149.00 | | A | 1.1 |
| 9 | ☐ | 1.000 | | 4090192.79 | | A | 1.3 |



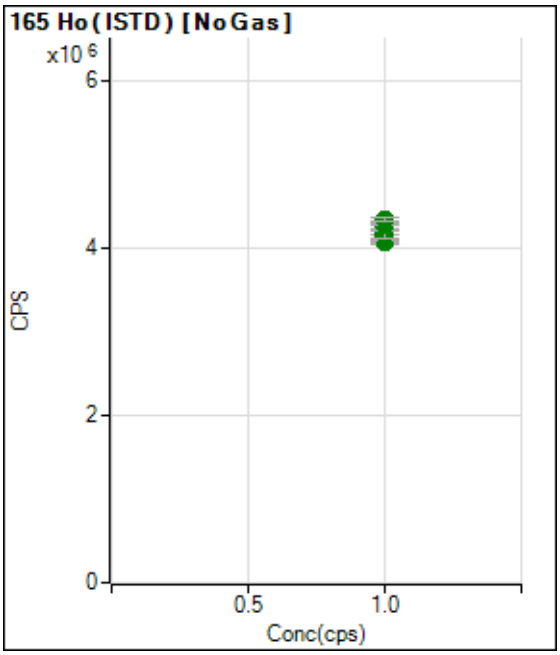

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 804360.62 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 811103.26 | | P | 0.5 |
| 3 | ☐ | 1.000 | | 815452.51 | | P | 1.1 |
| 4 | ☐ | 1.000 | | 817804.64 | | P | 0.4 |
| 5 | ☐ | 1.000 | | 819256.10 | | P | 0.8 |
| 6 | ☐ | 1.000 | | 810015.21 | | P | 2.2 |
| 7 | ☐ | 1.000 | | 815901.13 | | P | 1.1 |
| 8 | ☐ | 1.000 | | 811108.21 | | P | 0.2 |
| 9 | ☐ | 1.000 | | 807459.01 | | P | 0.4 |



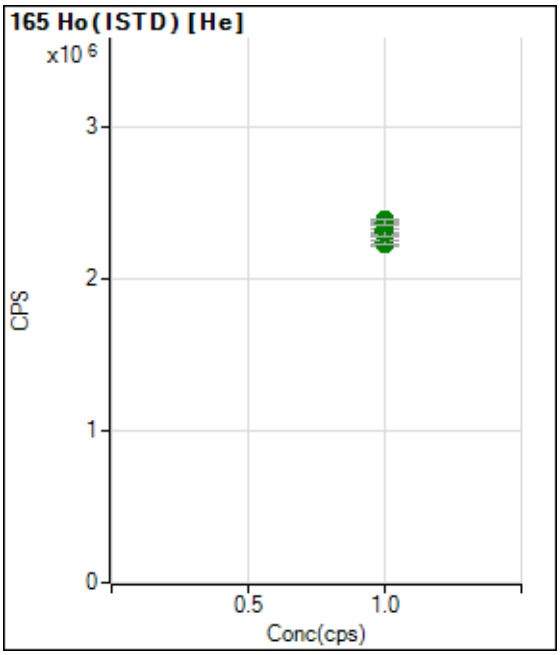

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4364599.52 | | A | 0.8 |
| 2 | ☐ | 1.000 | | 4419631.63 | | A | 2.3 |
| 3 | ☐ | 1.000 | | 4506776.25 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 4374306.50 | | A | 2.3 |
| 5 | ☐ | 1.000 | | 4466794.13 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 4500115.52 | | A | 2.2 |
| 7 | ☐ | 1.000 | | 4408594.97 | | A | 3.3 |
| 8 | ☐ | 1.000 | | 4553787.67 | | A | 1.2 |
| 9 | ☐ | 1.000 | | 4601391.43 | | A | 1.3 |



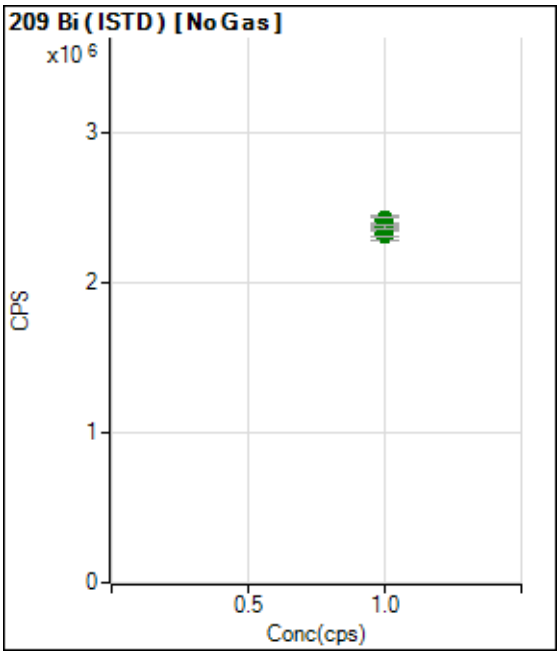

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2331538.32 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 2320384.22 | | A | 1.9 |
| 3 | ☐ | 1.000 | | 2340626.13 | | A | 1.8 |
| 4 | ☐ | 1.000 | | 2343383.12 | | A | 1.5 |
| 5 | ☐ | 1.000 | | 2410087.71 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 2372421.55 | | A | 2.9 |
| 7 | ☐ | 1.000 | | 2398901.32 | | A | 1.5 |
| 8 | ☐ | 1.000 | | 2451697.57 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 2413657.03 | | A | 0.3 |



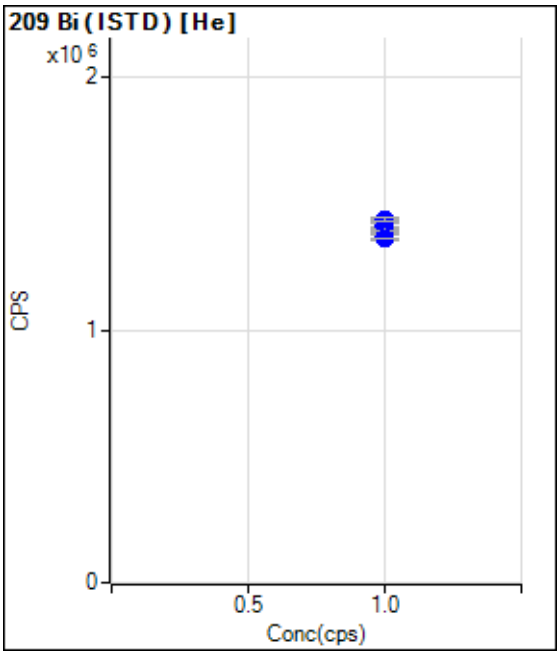

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4068413.11 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 4089811.03 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 4101676.61 | | A | 0.1 |
| 4 | ☐ | 1.000 | | 4131660.16 | | A | 1.9 |
| 5 | ☐ | 1.000 | | 4252492.76 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 4176686.72 | | A | 2.5 |
| 7 | ☐ | 1.000 | | 4154432.73 | | A | 2.3 |
| 8 | ☐ | 1.000 | | 4282964.72 | | A | 0.4 |
| 9 | ☐ | 1.000 | | 4339694.15 | | A | 1.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2234799.90 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 2247191.72 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 2334120.41 | | A | 2.7 |
| 4 | ☐ | 1.000 | | 2313047.27 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 2315966.93 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 2336705.68 | | A | 4.6 |
| 7 | ☐ | 1.000 | | 2369485.31 | | A | 1.3 |
| 8 | ☐ | 1.000 | | 2392272.21 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 2376434.06 | | A | 1.9 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2321736.84 | | A | 3.1 |
| 2 | ☐ | 1.000 | | 2336292.26 | | A | 2.7 |
| 3 | ☐ | 1.000 | | 2421707.15 | | A | 2.0 |
| 4 | ☐ | 1.000 | | 2372369.25 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 2380353.51 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 2419357.24 | | A | 1.8 |
| 7 | ☐ | 1.000 | | 2374135.96 | | A | 2.5 |
| 8 | ☐ | 1.000 | | 2416615.10 | | A | 1.3 |
| 9 | ☐ | 1.000 | | 2376948.59 | | A | 1.3 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1381454.25 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 1365620.90 | | P | 1.4 |
| 3 | ☐ | 1.000 | | 1397849.13 | | P | 0.7 |
| 4 | ☐ | 1.000 | | 1415491.18 | | P | 1.2 |
| 5 | ☐ | 1.000 | | 1426943.97 | | P | 0.7 |
| 6 | ☐ | 1.000 | | 1408746.87 | | P | 2.2 |
| 7 | ☐ | 1.000 | | 1433604.08 | | P | 1.0 |
| 8 | ☐ | 1.000 | | 1434805.13 | | P | 1.1 |
| 9 | ☐ | 1.000 | | 1362811.49 | | P | 0.2 |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P8051721MS.b |
| **Acq. Date-Time** | 2021-05-17 13:40:45 |
| **Report Comment** | --- |
| **Instrument Name** | G8403A SG19224459 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | | 5138 | 51378.61 | | | 1.799 | 5.000 |
| 24 | | 47661 | 476609.72 | | | 1.745 | 5.000 |
| 25 | | 6425 | 64246.96 | | | 1.648 | 5.000 |
| 26 | | 7544 | 75444.91 | | | 1.769 | 5.000 |
| 59 | | 39777 | 397774.82 | | | 2.245 | 5.000 |
| 113 | | 4955 | 49549.73 | | | 2.089 | 5.000 |
| 115 | | 30415 | 304148.69 | | | 1.998 | 5.000 |
| 206 | | 7357 | 73569.52 | | | 2.544 | 5.000 |
| 207 | | 6396 | 63956.65 | | | 2.614 | 5.000 |
| 208 | | 15503 | 155027.92 | | | 2.491 | 5.000 |
| 220 | | 1 | 5.20 | | | 27.702 | |

| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 113 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |
| 220 | |

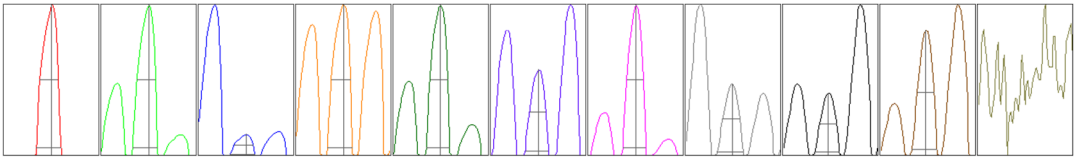
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 4983 | 5159 | 5196 | 5135 | 5217 |
| 24 | 46457 | 47178 | 48308 | 47933 | 48429 |
| 25 | 6268 | 6406 | 6534 | 6405 | 6511 |
| 26 | 7313 | 7549 | 7602 | 7618 | 7640 |
| 59 | 38300 | 39624 | 40498 | 40078 | 40388 |
| 113 | 4788 | 4925 | 5022 | 4993 | 5046 |
| 115 | 29390 | 30403 | 30948 | 30757 | 30577 |
| 206 | 7060 | 7318 | 7562 | 7424 | 7420 |
| 207 | 6134 | 6329 | 6546 | 6493 | 6477 |
| 208 | 14882 | 15383 | 15836 | 15745 | 15668 |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 220 | 0 | 0 | 0 | 1 | 1 |

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 9536.46 | 9.05 | 8.90 - 9.10 | |
| 24 | 85672.69 | 24.05 | 23.90 - 24.10 | |
| 25 | 11453.43 | 25.05 | 24.90 - 25.10 | |
| 26 | 13156.46 | 26.05 | 25.90 - 26.10 | |
| 59 | 74407.73 | 59.00 | 58.90 - 59.10 | |
| 113 | 9895.97 | 113.05 | 112.90 - 113.10 | |
| 115 | 61155.50 | 115.05 | 114.90 - 115.10 | |
| 206 | 14103.73 | 206.00 | 205.90 - 206.10 | |
| 207 | 12220.19 | 206.95 | 206.90 - 207.10 | |
| 208 | 29823.69 | 207.95 | 207.90 - 208.10 | |
| 220 | | | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.58 | 0.776 | 0.900 | |
| 24 | 0.59 | 0.783 | 0.900 | |
| 25 | 0.60 | 0.778 | 0.900 | |
| 26 | 0.60 | 0.784 | 0.900 | |
| 59 | 0.56 | 0.737 | 0.900 | |
| 113 | 0.51 | 0.737 | 0.900 | |
| 115 | 0.52 | 0.732 | 0.900 | |
| 206 | 0.54 | 0.817 | 0.900 | |
| 207 | 0.53 | 0.780 | 0.900 | |
| 208 | 0.54 | 0.786 | 0.900 | |
| 220 | | | | |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | HMI | Nebulizer Gas | 0.49 L/min | Dilution Gas | 0.44 L/min |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.40 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 9.4 V | Deflect | 16.6 V |
| Extract 2 | -250.0 V | Cell Entrance | -30 V | Plate Bias | -50 V |
| Omega Bias | -120 V | Cell Exit | -50 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 4.0 V |
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | --- | OctP RF | 170 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 0.9989 | QP Bias | -4.0 V |
| Mass Offset | 125 | Axis Offset | 0.02 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.6 mm | Torch V | -0.8 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.1 mV | Analog HV | 2192 V | Pulse HV | 1460 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 11176 | 111764.19 | | | 1.240 | |
| 89 | | 18907 | 189072.05 | | | 1.255 | |
| 205 | | 9974 | 99740.57 | | | 1.044 | |

| Mass | RSD% (Flag) |
|---|---|
| 59 | |
| 89 | |
| 205 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 11020 | 11161 | 11399 | 11127 | 11176 |
| 89 | 18707 | 19028 | 19262 | 18710 | 18829 |
| 205 | 9875 | 9950 | 10150 | 9933 | 9963 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | HMI | Nebulizer Gas | 0.49 L/min | Dilution Gas | 0.44 L/min |
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.40 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 9.4 V | Deflect | 4.2 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -250.0 V | Cell Entrance | -50 V | Plate Bias | -60 V |
| Omega Bias | -120 V | Cell Exit | -70 V | | |

### Cell Parameters

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | Yes | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 4.5 mL/min | OctP Bias | -18.0 V | | |
| H2 Flow | --- | OctP RF | 190 V | | |

### QP Parameters

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 0.9989 | QP Bias | -13.0 V |
| Mass Offset | 125 | Axis Offset | 0.02 | | |

## Hardware Settings

### Torch

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.6 mm | Torch V | -0.8 mm | | |

### EM

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.1 mV | Analog HV | 2192 V | Pulse HV | 1460 V |