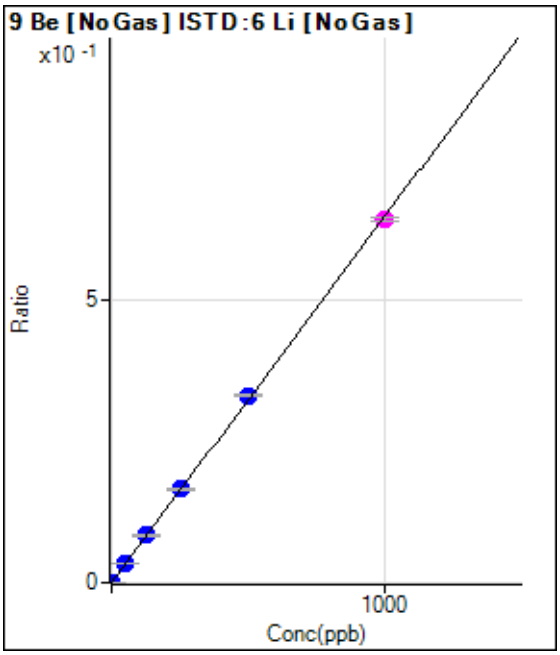
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022824 MS.b\
Analysis File: P8022824 MS.batch.bin
DA Date-Time: 2024-02-28 17:26:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | S00 | 2024-02-28 11:49:30 |
| 2 | 005CALS.d | S02 | 2024-02-28 11:52:55 |
| 3 | 006CALS.d | S03 | 2024-02-28 11:56:21 |
| 4 | 007CALS.d | S04 | 2024-02-28 11:59:40 |
| 5 | 008CALS.d | S05 | 2024-02-28 12:02:51 |
| 6 | 009CALS.d | S06 | 2024-02-28 12:05:55 |
| 7 | 010CALS.d | S07 | 2024-02-28 12:08:59 |
| 8 | 011CALS.d | S08 | 2024-02-28 12:12:01 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 31.25 | 0.0000 | P | 13.7 |
| 2 | ☐ | 1.000 | 1.053 | 1346.15 | 0.0007 | P | 2.6 |
| 3 | ☐ | 50.000 | 52.523 | 64147.71 | 0.0341 | P | 1.5 |
| 4 | ☐ | 125.000 | 130.435 | 149242.73 | 0.0846 | P | 2.8 |
| 5 | ☐ | 250.000 | 255.993 | 281755.37 | 0.1661 | P | 1.6 |
| 6 | ☐ | 500.000 | 511.946 | 543175.07 | 0.3321 | P | 1.0 |
| 7 | ☐ | 1000.000 | 991.723 | 1037484.11 | 0.6434 | M | 1.1 |
| 8 | ☐ | | | 196.23 | 0.0001 | P | 6.4 |

y = 6.4874E-004 * x + 1.6174E-005

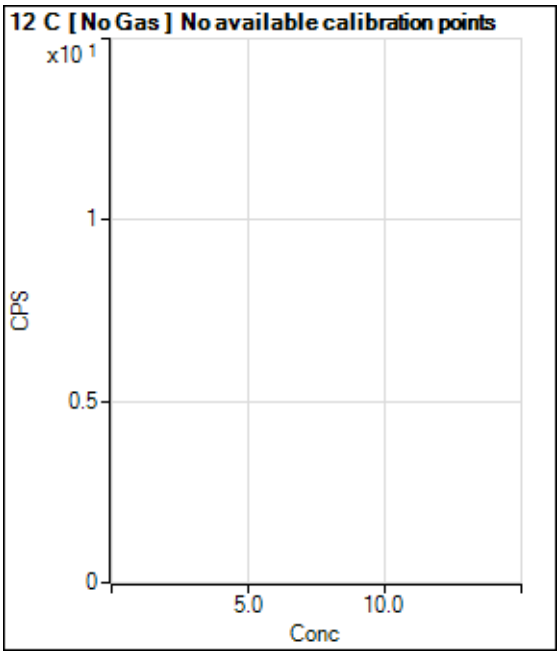
R = 0.9999

DL = 0.01022

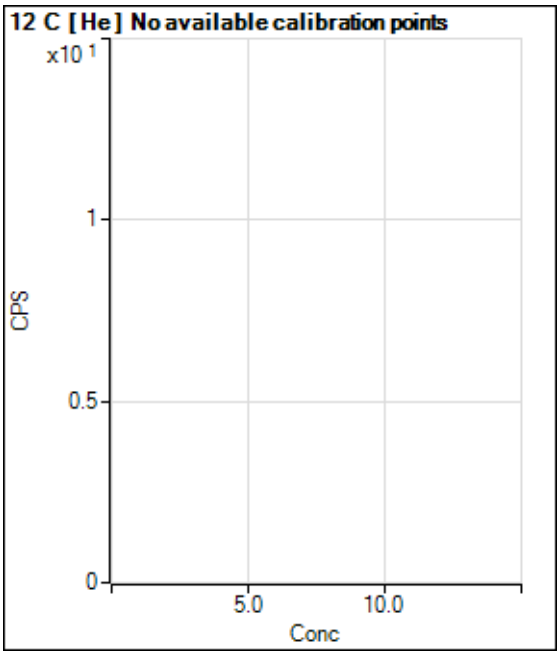
BEC = 0.02493

Weight: <None>

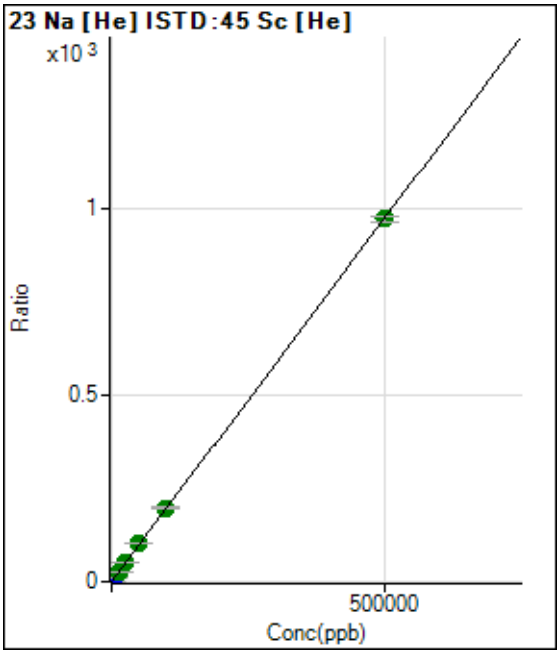
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 1545056.83 | | A | 1.7 |
| 2 | ☐ | | | 1568620.98 | | A | 0.8 |
| 3 | ☐ | | | 1656129.58 | | A | 0.9 |
| 4 | ☐ | | | 1721125.68 | | A | 1.0 |
| 5 | ☐ | | | 1696826.49 | | A | 1.9 |
| 6 | ☐ | | | 1755608.78 | | A | 2.1 |
| 7 | ☐ | | | 1763507.54 | | A | 3.1 |
| 8 | ☐ | | | 1590065.22 | | A | 5.6 |



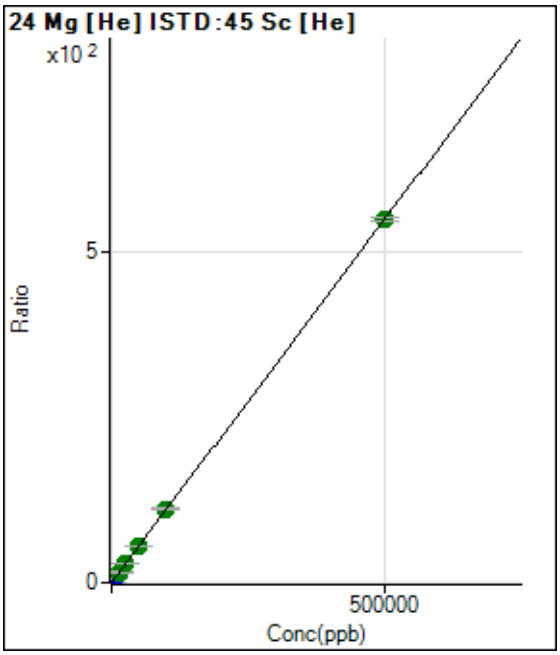

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 19879.09 | | P | 1.1 |
| 2 | ☐ | | | 20546.63 | | P | 0.1 |
| 3 | ☐ | | | 21007.34 | | P | 2.7 |
| 4 | ☐ | | | 21993.21 | | P | 2.5 |
| 5 | ☐ | | | 22333.72 | | P | 2.7 |
| 6 | ☐ | | | 23456.58 | | P | 1.7 |
| 7 | ☐ | | | 24770.92 | | P | 0.6 |
| 8 | ☐ | | | 25866.13 | | P | 3.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6141.34 | 0.0615 | P | 2.5 |
| 2 | ☐ | 500.000 | 487.289 | 102759.79 | 1.0119 | P | 4.3 |
| 3 | ☐ | 5000.000 | 5264.903 | 991313.33 | 10.3295 | P | 2.3 |
| 4 | ☐ | 12500.000 | 13768.834 | 2337705.99 | 26.9145 | A | 11.0 |
| 5 | ☐ | 25000.000 | 26071.030 | 4339222.78 | 50.9071 | A | 1.7 |
| 6 | ☐ | 50000.000 | 52019.862 | 8618906.88 | 101.5143 | A | 0.5 |
| 7 | ☐ | 100000.00 | 101596.18 | 16543853.50 | 198.2016 | A | 1.7 |
| 8 | ☐ | 500000.00 | 499390.86 | 91158241.98 | 974.0090 | A | 1.4 |

y = 0.0020 * x + 0.0615
R = 1.0000
DL = 2.374
BEC = 31.54

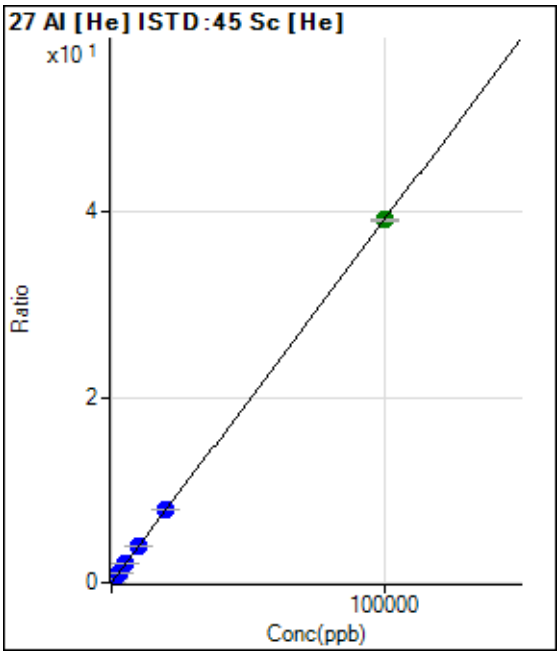
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.89 | 0.0013 | P | 15.1 |
| 2 | ☐ | 500.000 | 493.652 | 55189.48 | 0.5435 | P | 4.9 |
| 3 | ☐ | 5000.000 | 5239.369 | 552517.34 | 5.7565 | P | 1.5 |
| 4 | ☐ | 12500.000 | 13831.697 | 1318074.10 | 15.1948 | A | 12.9 |
| 5 | ☐ | 25000.000 | 26128.528 | 2446521.73 | 28.7022 | A | 1.8 |
| 6 | ☐ | 50000.000 | 51208.145 | 4776087.88 | 56.2510 | A | 0.8 |
| 7 | ☐ | 100000.00 | 100682.26 | 9230943.96 | 110.5960 | A | 2.6 |
| 8 | ☐ | 500000.00 | 499650.62 | 51368196.46 | 548.8438 | A | 1.0 |

y = 0.0011 * x + 0.0013
R = 1.0000
DL = 0.5331
BEC = 1.176

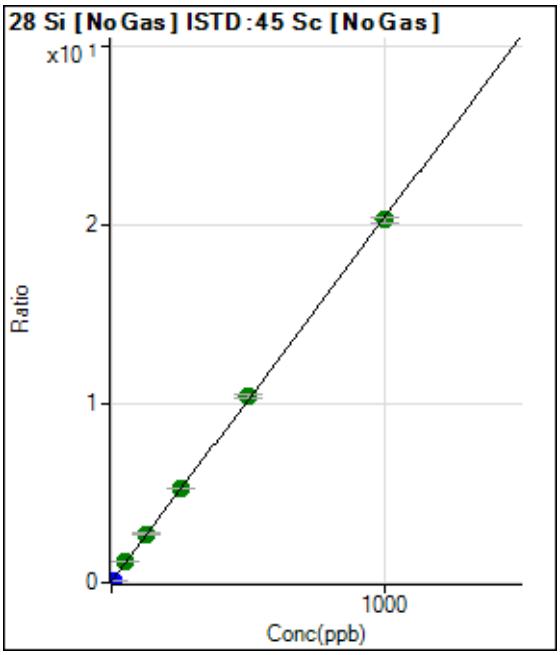
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 80.00 | 0.0008 | P | 15.8 |
| 2 | ☐ | 20.000 | 18.958 | 834.48 | 0.0082 | P | 4.9 |
| 3 | ☐ | 1000.000 | 1050.030 | 39486.95 | 0.4116 | P | 4.2 |
| 4 | ☐ | 2500.000 | 2703.041 | 91817.45 | 1.0582 | P | 12.5 |
| 5 | ☐ | 5000.000 | 5125.647 | 170990.05 | 2.0059 | P | 1.2 |
| 6 | ☐ | 10000.000 | 10154.937 | 337333.26 | 3.9732 | P | 0.8 |
| 7 | ☐ | 20000.000 | 20049.895 | 654739.05 | 7.8439 | P | 0.7 |
| 8 | ☐ | 100000.00 | 99962.669 | 3660418.07 | 39.1042 | A | 0.7 |

y = 3.9118E-004 * x + 8.0183E-004
R = 1.0000
DL = 0.9715
BEC = 2.05

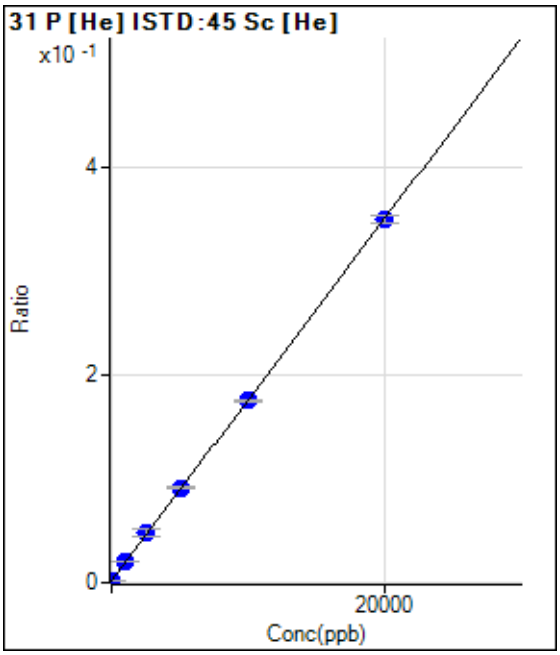
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 165021.76 | 0.0577 | P | 3.6 |
| 2 | ☐ | 10.000 | 0.311 | 181066.76 | 0.0640 | P | 1.3 |
| 3 | ☐ | 50.000 | 53.669 | 3212186.41 | 1.1494 | A | 0.6 |
| 4 | ☐ | 125.000 | 131.240 | 7171853.30 | 2.7272 | A | 2.5 |
| 5 | ☐ | 250.000 | 256.506 | 13321205.22 | 5.2752 | A | 1.6 |
| 6 | ☐ | 500.000 | 507.173 | 25690368.78 | 10.3739 | A | 2.1 |
| 7 | ☐ | 1000.000 | 993.920 | 48591629.28 | 20.2746 | A | 1.7 |
| 8 | ☐ | | | 766219.98 | 0.3147 | P | 5.4 |

y = 0.0203 * x + 0.0577
R = 0.9998
DL = 0.3089
BEC = 2.838

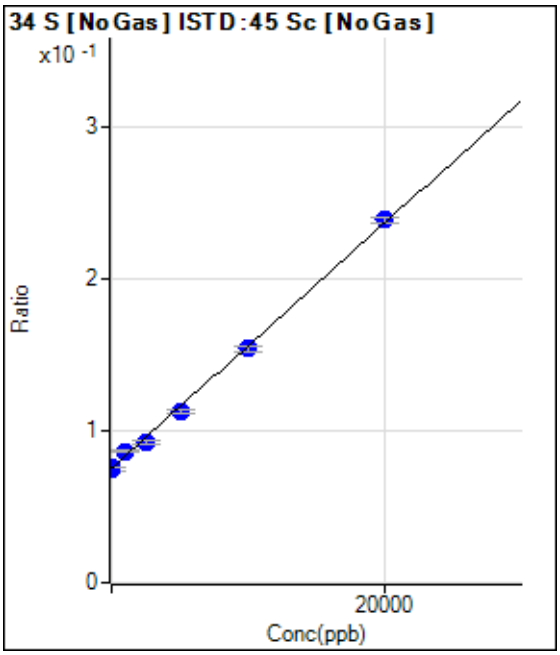
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -18.330 | 144.45 | 0.0014 | P | 19.0 |
| 2 | ☐ | 0.000 | 18.330 | 212.23 | 0.0021 | P | 4.7 |
| 3 | ☐ | 1000.000 | 1062.877 | 1946.82 | 0.0203 | P | 6.6 |
| 4 | ☐ | 2500.000 | 2670.129 | 4193.98 | 0.0483 | P | 14.0 |
| 5 | ☐ | 5000.000 | 5155.450 | 7812.16 | 0.0917 | P | 2.5 |
| 6 | ☐ | 10000.000 | 9976.108 | 14917.74 | 0.1757 | P | 0.7 |
| 7 | ☐ | 20000.000 | 19948.674 | 29178.26 | 0.3496 | P | 2.3 |
| 8 | ☐ | | | 173.34 | 0.0018 | P | 12.9 |

y = 1.7436E-005 * x + 0.0018
R = 0.9999
DL = 32.12
BEC = 101.2

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -66.939 | 213802.37 | 0.0748 | P | 3.3 |
| 2 | ☐ | 0.000 | 66.939 | 214469.33 | 0.0759 | P | 1.3 |
| 3 | ☐ | 1000.000 | 1395.568 | 241926.28 | 0.0866 | P | 1.2 |
| 4 | ☐ | 2500.000 | 2116.495 | 242926.03 | 0.0924 | P | 2.0 |
| 5 | ☐ | 5000.000 | 4587.762 | 283539.56 | 0.1123 | P | 2.2 |
| 6 | ☐ | 10000.000 | 9777.049 | 381617.70 | 0.1541 | P | 2.6 |
| 7 | ☐ | 20000.000 | 20242.694 | 571526.18 | 0.2385 | P | 1.3 |
| 8 | ☐ | | | 203189.56 | 0.0835 | P | 2.7 |

y = 8.0593E-006 * x + 0.0753

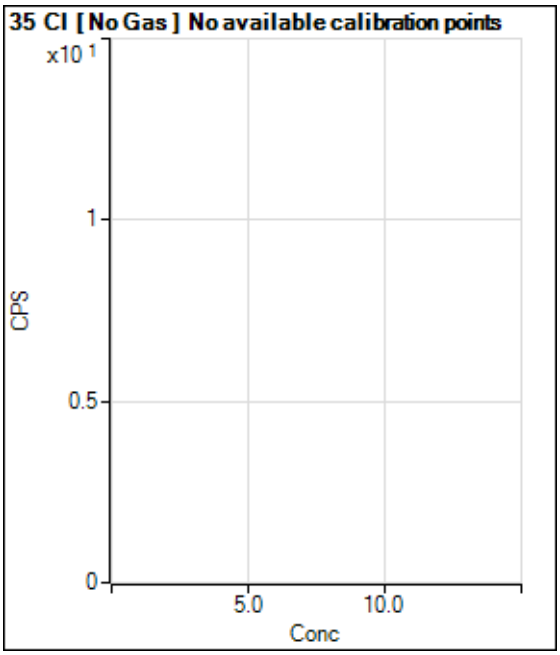
R = 0.9991

DL = 631.6

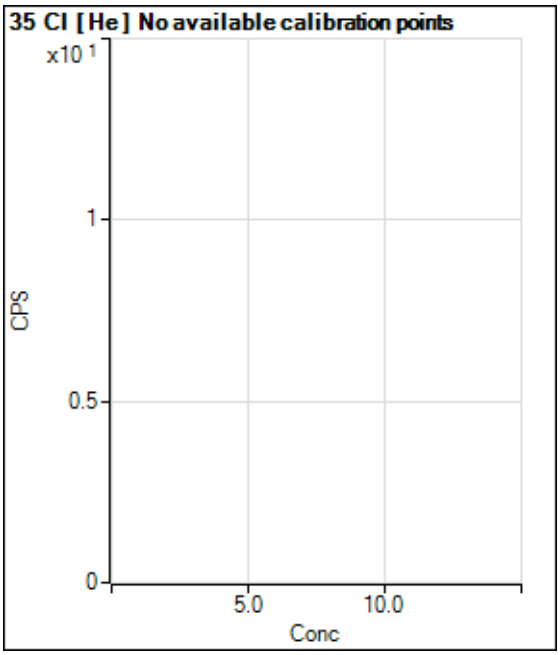
BEC = 9345

Weight: <None>

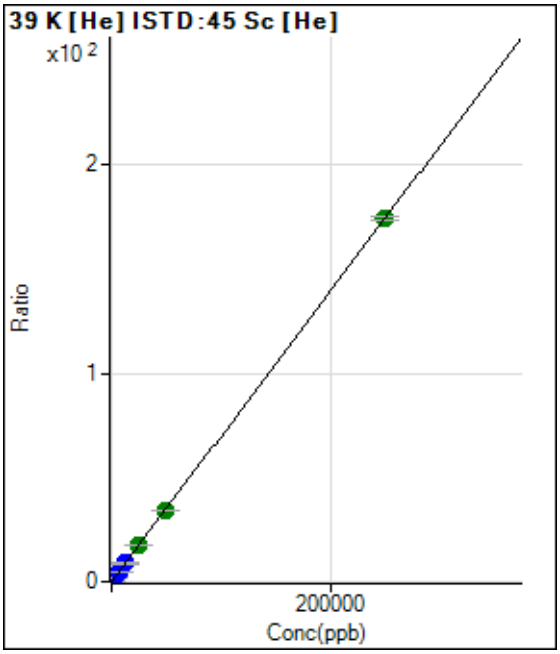
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 108271.13 | | P | 3.8 |
| 2 | ☐ | | | 108035.04 | | P | 4.5 |
| 3 | ☐ | | | 137439.59 | | P | 2.8 |
| 4 | ☐ | | | 150703.72 | | P | 1.5 |
| 5 | ☐ | | | 183700.58 | | P | 0.4 |
| 6 | ☐ | | | 272179.89 | | P | 1.0 |
| 7 | ☐ | | | 460213.20 | | P | 3.2 |
| 8 | ☐ | | | 92344.22 | | P | 1.7 |



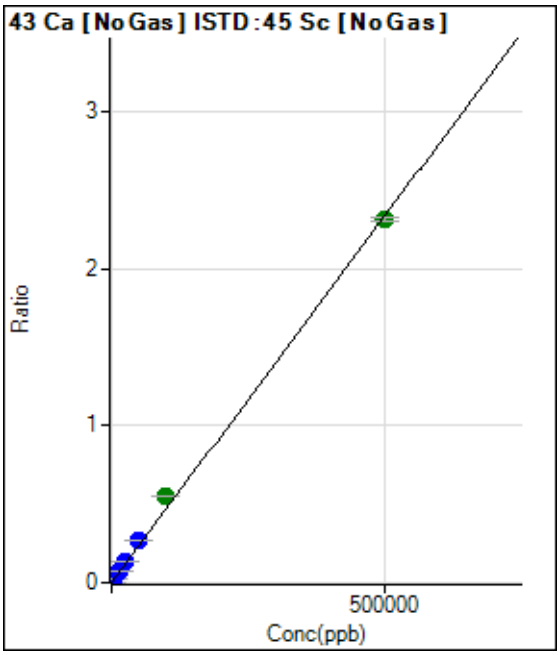

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 732.25 | | P | 6.2 |
| 2 | ☐ | | | 775.58 | | P | 3.6 |
| 3 | ☐ | | | 916.71 | | P | 3.3 |
| 4 | ☐ | | | 1052.27 | | P | 9.2 |
| 5 | ☐ | | | 1210.06 | | P | 2.1 |
| 6 | ☐ | | | 1844.58 | | P | 6.0 |
| 7 | ☐ | | | 3312.64 | | P | 1.7 |
| 8 | ☐ | | | 702.25 | | P | 6.1 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5803.44 | 0.0581 | P | 3.1 |
| 2 | ☐ | 500.000 | 487.330 | 40325.07 | 0.3971 | P | 4.5 |
| 3 | ☐ | 2500.000 | 2546.556 | 175566.17 | 1.8294 | P | 2.3 |
| 4 | ☐ | 6250.000 | 6581.785 | 402576.24 | 4.6361 | P | 11.4 |
| 5 | ☐ | 12500.000 | 12543.045 | 748742.31 | 8.7825 | P | 0.5 |
| 6 | ☐ | 25000.000 | 25058.632 | 1484747.18 | 17.4877 | A | 0.7 |
| 7 | ☐ | 50000.000 | 49338.999 | 2869380.69 | 34.3759 | A | 0.7 |
| 8 | ☐ | 250000.00 | 250115.45 | 16287849.34 | 174.0261 | A | 1.0 |

y = 6.9555E-004 * x + 0.0581
R = 1.0000
DL = 7.812
BEC = 83.58

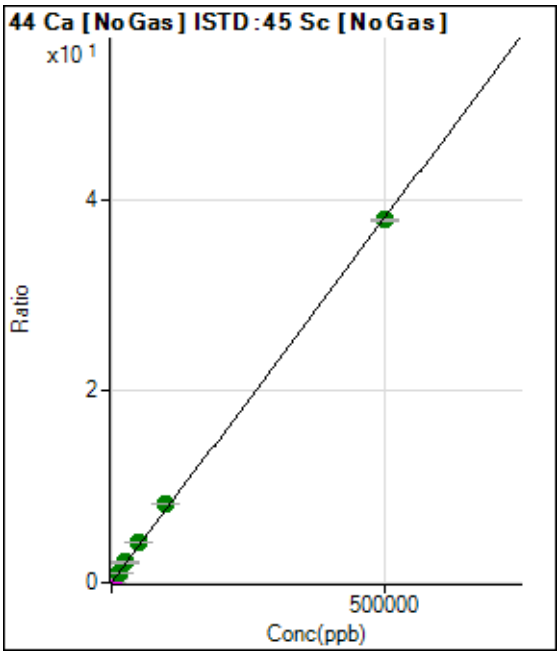
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 207.78 | 0.0001 | P | 11.6 |
| 2 | ☐ | 500.000 | 502.265 | 6829.46 | 0.0024 | P | 4.0 |
| 3 | ☐ | 5000.000 | 5945.026 | 77712.90 | 0.0278 | P | 1.2 |
| 4 | ☐ | 12500.000 | 14776.482 | 181473.57 | 0.0690 | P | 2.0 |
| 5 | ☐ | 25000.000 | 29319.755 | 345586.89 | 0.1368 | P | 1.4 |
| 6 | ☐ | 50000.000 | 58007.010 | 670285.91 | 0.2707 | P | 2.3 |
| 7 | ☐ | 100000.00 | 118696.74 | 1327401.57 | 0.5538 | A | 0.5 |
| 8 | ☐ | 500000.00 | 495177.59 | 5621769.01 | 2.3101 | A | 1.2 |

y = 4.6650E-006 * x + 7.2719E-005
R = 0.9992
DL = 5.433
BEC = 15.59

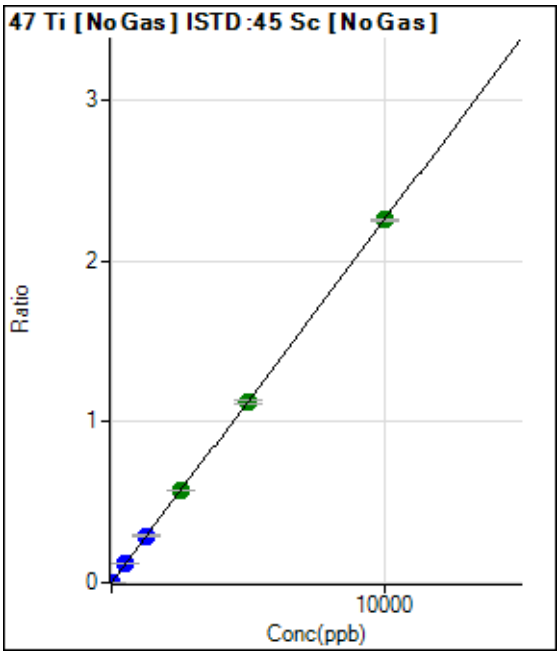
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15945.63 | 0.0056 | P | 4.9 |
| 2 | ☐ | 500.000 | 505.118 | 124539.94 | 0.0440 | P | 0.6 |
| 3 | ☐ | 5000.000 | 5673.146 | 1222988.16 | 0.4376 | M | 0.7 |
| 4 | ☐ | 12500.000 | 14075.659 | 2834191.17 | 1.0775 | A | 1.0 |
| 5 | ☐ | 25000.000 | 27906.342 | 5379968.60 | 2.1308 | A | 2.9 |
| 6 | ☐ | 50000.000 | 54767.459 | 10344441.03 | 4.1764 | A | 1.2 |
| 7 | ☐ | 100000.00 | 108616.69 | 19839277.20 | 8.2772 | A | 0.9 |
| 8 | ☐ | 500000.00 | 497608.47 | 92215429.74 | 37.9008 | A | 0.4 |

y = 7.6155E-005 * x + 0.0056
R = 0.9998
DL = 10.82
BEC = 73.26

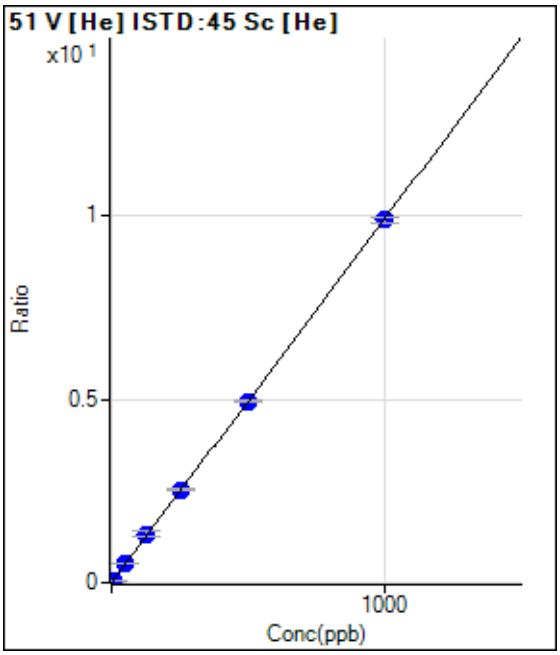
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60.00 | 0.0000 | P | 24.9 |
| 2 | ☐ | 5.000 | 4.956 | 3221.51 | 0.0011 | P | 3.9 |
| 3 | ☐ | 500.000 | 521.164 | 328670.71 | 0.1176 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1292.570 | 766936.76 | 0.2916 | P | 2.5 |
| 5 | ☐ | 2500.000 | 2535.344 | 1444702.23 | 0.5720 | A | 0.9 |
| 6 | ☐ | 5000.000 | 4977.576 | 2781236.38 | 1.1230 | A | 2.0 |
| 7 | ☐ | 10000.000 | 9995.996 | 5405809.36 | 2.2553 | A | 0.4 |
| 8 | ☐ | | | 1164.51 | 0.0005 | P | 8.8 |

y = 2.2562E-004 * x + 2.0968E-005
R = 1.0000
DL = 0.0694
BEC = 0.09294

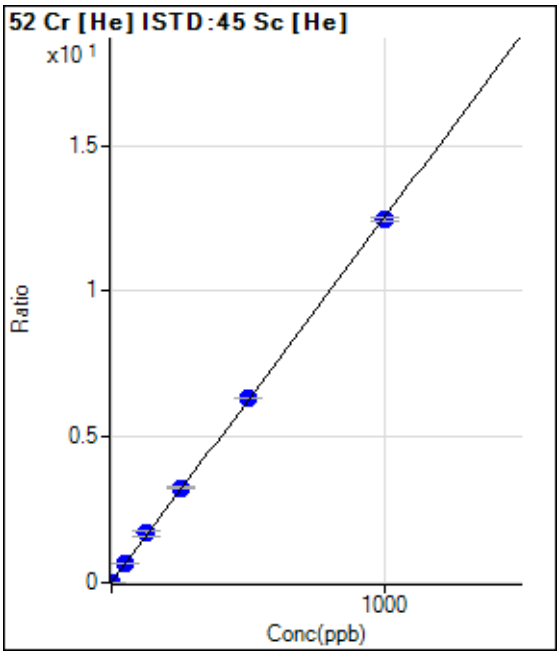
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 7.78 | 0.0001 | P | 25.7 |
| 2 | ☐ | 5.000 | 5.106 | 5146.53 | 0.0507 | P | 3.6 |
| 3 | ☐ | 50.000 | 50.855 | 48372.64 | 0.5039 | P | 1.4 |
| 4 | ☐ | 125.000 | 132.273 | 113757.91 | 1.3106 | P | 12.0 |
| 5 | ☐ | 250.000 | 254.922 | 215304.71 | 2.5258 | P | 1.3 |
| 6 | ☐ | 500.000 | 499.647 | 420299.34 | 4.9504 | P | 0.7 |
| 7 | ☐ | 1000.000 | 997.994 | 825333.17 | 9.8878 | P | 1.3 |
| 8 | ☐ | | | 432.23 | 0.0046 | P | 19.8 |

y = 0.0099 * x + 7.8040E-005
R = 1.0000
DL = 0.006072
BEC = 0.007877

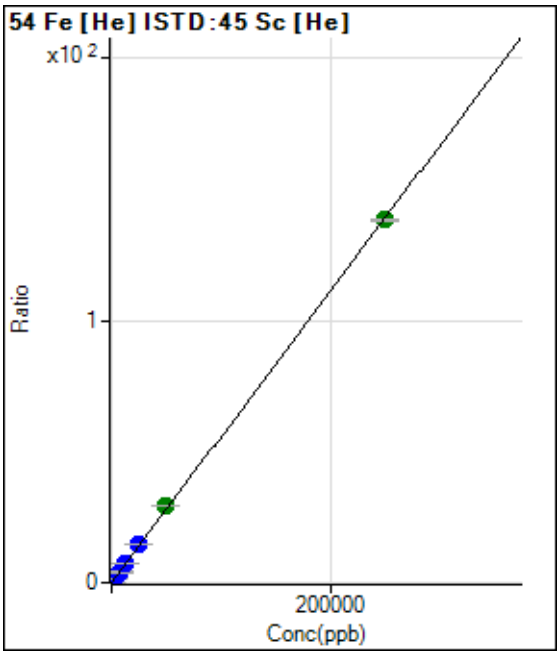
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 696.69 | 0.0070 | P | 2.8 |
| 2 | ☐ | 2.000 | 1.915 | 3147.05 | 0.0309 | P | 2.3 |
| 3 | ☐ | 50.000 | 52.023 | 63154.33 | 0.6580 | P | 1.9 |
| 4 | ☐ | 125.000 | 134.685 | 147004.34 | 1.6925 | P | 11.0 |
| 5 | ☐ | 250.000 | 259.107 | 276990.94 | 3.2497 | P | 1.8 |
| 6 | ☐ | 500.000 | 505.579 | 537789.19 | 6.3342 | P | 0.8 |
| 7 | ☐ | 1000.000 | 993.622 | 1038549.31 | 12.4420 | P | 0.9 |
| 8 | ☐ | | | 26010.43 | 0.2780 | P | 2.6 |

y = 0.0125 * x + 0.0070
R = 0.9999
DL = 0.04699
BEC = 0.5575

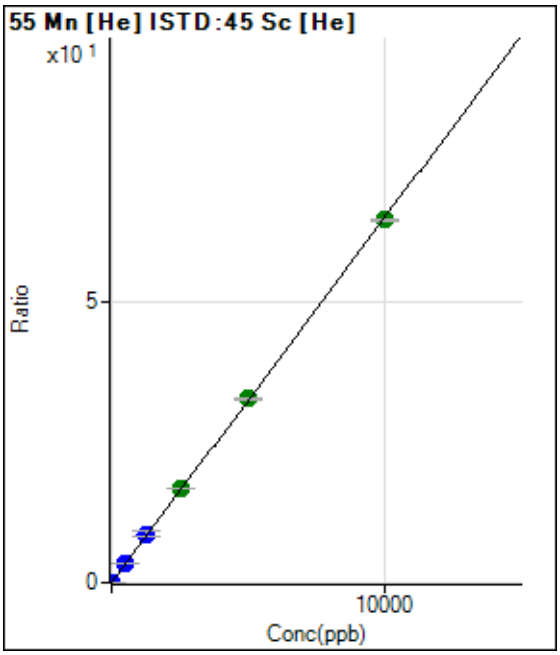
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 223.34 | 0.0022 | P | 19.1 |
| 2 | ☐ | 50.000 | 52.731 | 3199.28 | 0.0315 | P | 5.7 |
| 3 | ☐ | 2500.000 | 2727.499 | 145543.47 | 1.5166 | P | 2.4 |
| 4 | ☐ | 6250.000 | 7071.216 | 341042.29 | 3.9283 | P | 11.7 |
| 5 | ☐ | 12500.000 | 13589.763 | 643409.10 | 7.5475 | P | 0.9 |
| 6 | ☐ | 25000.000 | 26443.752 | 1246726.26 | 14.6842 | P | 0.6 |
| 7 | ☐ | 50000.000 | 52594.371 | 2437637.06 | 29.2034 | A | 0.6 |
| 8 | ☐ | 250000.00 | 249259.45 | 12953558.14 | 138.3945 | A | 0.6 |

y = 5.5521E-004 * x + 0.0022
R = 0.9999
DL = 2.317
BEC = 4.035

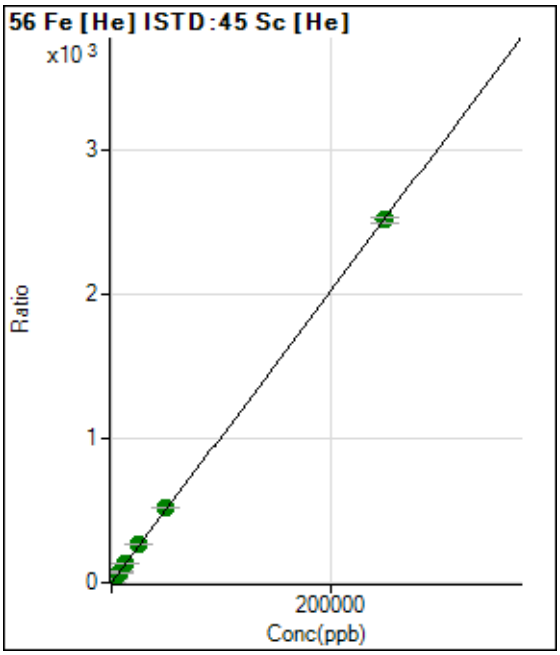
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 32.22 | 0.0003 | P | 43.4 |
| 2 | ☐ | 1.000 | 1.046 | 724.47 | 0.0071 | P | 2.7 |
| 3 | ☐ | 500.000 | 519.613 | 324127.38 | 3.3773 | P | 1.9 |
| 4 | ☐ | 1250.000 | 1339.514 | 755849.51 | 8.7057 | P | 11.6 |
| 5 | ☐ | 2500.000 | 2580.805 | 1429778.57 | 16.7728 | A | 1.3 |
| 6 | ☐ | 5000.000 | 5044.403 | 2783430.65 | 32.7836 | A | 0.8 |
| 7 | ☐ | 10000.000 | 9945.427 | 5395307.80 | 64.6351 | A | 0.4 |
| 8 | ☐ | | | 5159.88 | 0.0552 | P | 8.6 |

y = 0.0065 * x + 3.2288E-004
R = 0.9999
DL = 0.06462
BEC = 0.04968

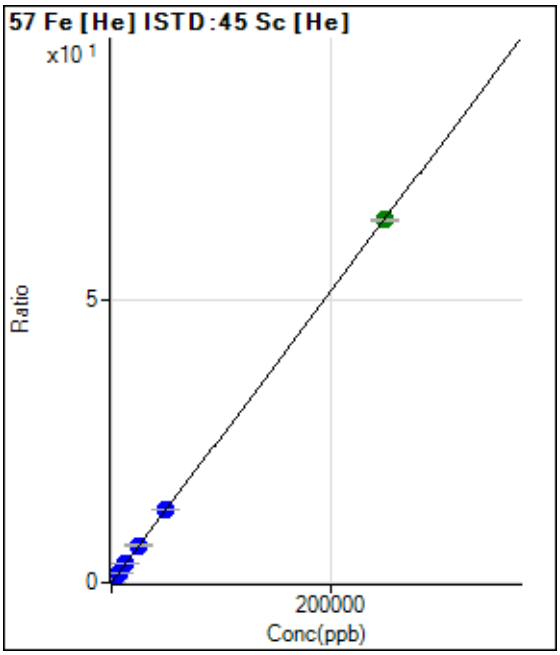
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1128.94 | 0.0113 | P | 5.0 |
| 2 | ☐ | 50.000 | 52.278 | 54715.61 | 0.5387 | P | 4.3 |
| 3 | ☐ | 2500.000 | 2731.577 | 2646030.50 | 27.5706 | A | 2.0 |
| 4 | ☐ | 6250.000 | 6961.190 | 6096474.08 | 70.2438 | A | 12.1 |
| 5 | ☐ | 12500.000 | 13363.123 | 11493512.33 | 134.8339 | A | 1.5 |
| 6 | ☐ | 25000.000 | 26306.782 | 22535106.88 | 265.4245 | A | 0.7 |
| 7 | ☐ | 50000.000 | 51283.483 | 43190086.86 | 517.4183 | A | 0.6 |
| 8 | ☐ | 250000.00 | 249549.37 | 235622723.1 | 2,517.753 | A | 1.7 |

y = 0.0101 * x + 0.0113
R = 1.0000
DL = 0.1679
BEC = 1.121

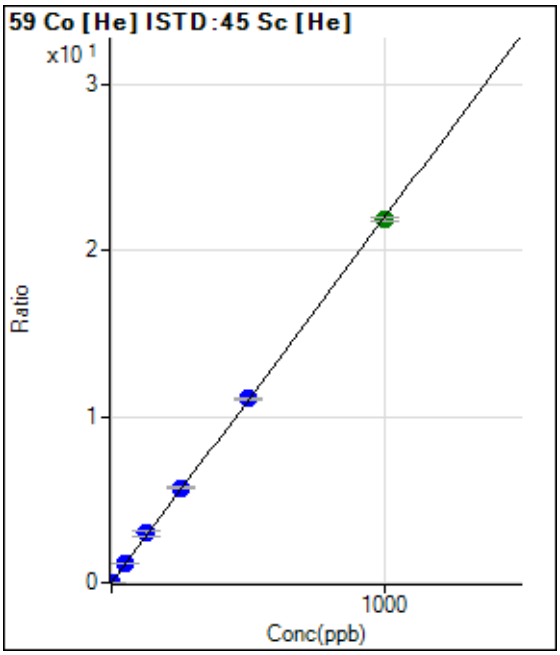
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 64.44 | 0.0006 | P | 16.1 |
| 2 | ☐ | 50.000 | 52.485 | 1431.20 | 0.0141 | P | 4.8 |
| 3 | ☐ | 2500.000 | 2671.054 | 65758.59 | 0.6851 | P | 1.3 |
| 4 | ☐ | 6250.000 | 6884.941 | 153251.69 | 1.7648 | P | 11.3 |
| 5 | ☐ | 12500.000 | 13227.688 | 289008.60 | 3.3901 | P | 0.9 |
| 6 | ☐ | 25000.000 | 25732.410 | 559881.25 | 6.5943 | P | 0.7 |
| 7 | ☐ | 50000.000 | 50704.321 | 1084537.69 | 12.9930 | P | 0.7 |
| 8 | ☐ | 250000.00 | 249731.92 | 5989555.88 | 63.9914 | A | 0.5 |

y = 2.5624E-004 * x + 6.4564E-004
R = 1.0000
DL = 1.22
BEC = 2.52

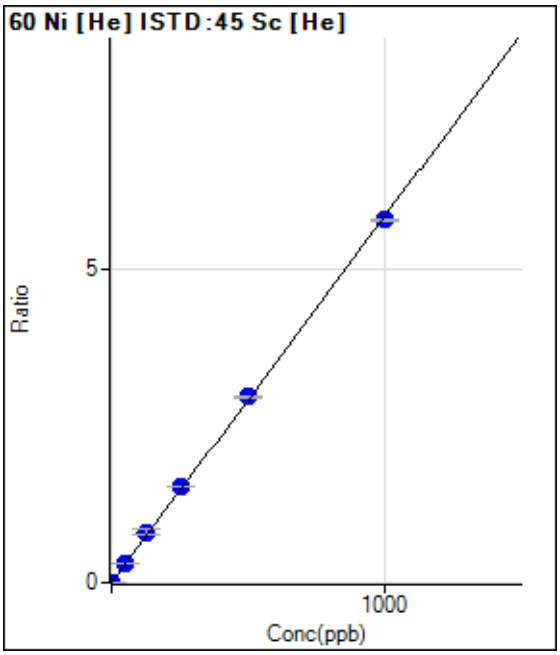
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 87.78 | 0.0009 | P | 22.9 |
| 2 | ☐ | 1.000 | 1.065 | 2466.91 | 0.0243 | P | 9.5 |
| 3 | ☐ | 50.000 | 52.446 | 110735.66 | 1.1539 | P | 2.6 |
| 4 | ☐ | 125.000 | 136.149 | 259870.82 | 2.9941 | P | 12.1 |
| 5 | ☐ | 250.000 | 259.383 | 486199.56 | 5.7035 | P | 1.2 |
| 6 | ☐ | 500.000 | 504.804 | 942335.98 | 11.0991 | P | 0.8 |
| 7 | ☐ | 1000.000 | 993.736 | 1823754.29 | 21.8483 | A | 1.0 |
| 8 | ☐ | | | 5248.80 | 0.0561 | P | 3.6 |

y = 0.0220 * x + 8.8036E-004
R = 0.9999
DL = 0.02751
BEC = 0.04004

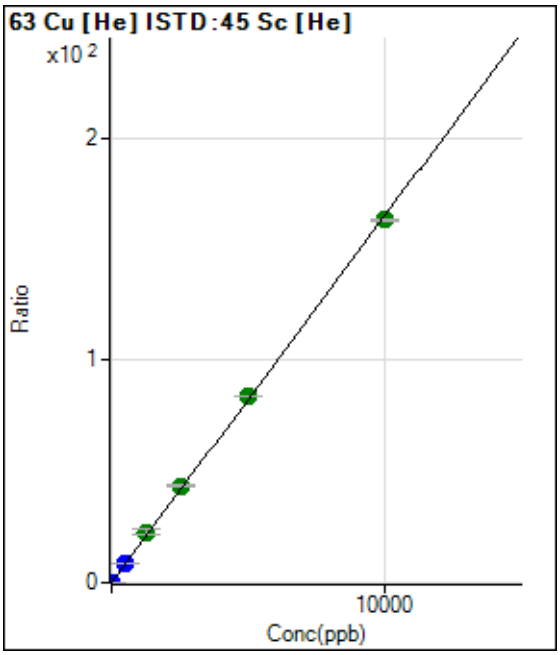
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 47.78 | 0.0005 | P | 10.5 |
| 2 | ☐ | 1.000 | 1.021 | 653.36 | 0.0064 | P | 4.3 |
| 3 | ☐ | 50.000 | 54.099 | 30339.07 | 0.3161 | P | 3.1 |
| 4 | ☐ | 125.000 | 138.608 | 70260.22 | 0.8092 | P | 11.5 |
| 5 | ☐ | 250.000 | 261.716 | 130212.61 | 1.5275 | P | 1.3 |
| 6 | ☐ | 500.000 | 507.784 | 251581.15 | 2.9632 | P | 1.0 |
| 7 | ☐ | 1000.000 | 991.273 | 482802.67 | 5.7841 | P | 0.7 |
| 8 | ☐ | | | 7870.01 | 0.0841 | P | 1.5 |

y = 0.0058 * x + 4.7846E-004
R = 0.9998
DL = 0.02589
BEC = 0.08201

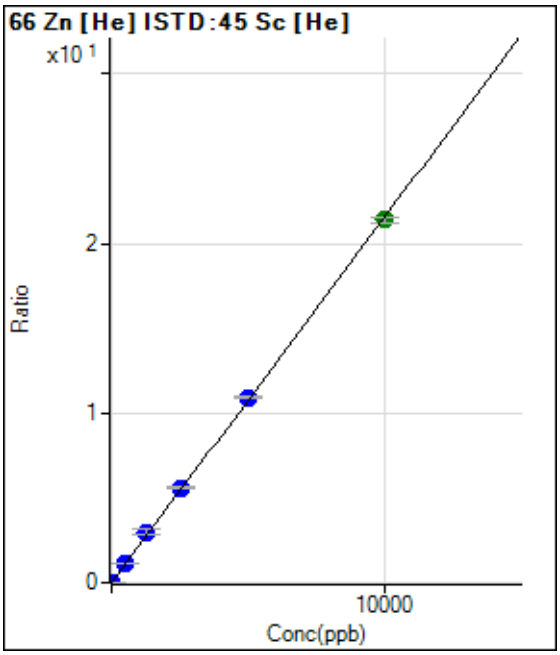
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 464.46 | 0.0047 | P | 6.8 |
| 2 | ☐ | 2.000 | 2.030 | 3869.46 | 0.0381 | P | 6.5 |
| 3 | ☐ | 500.000 | 535.659 | 848055.47 | 8.8361 | P | 1.8 |
| 4 | ☐ | 1250.000 | 1387.237 | 1986290.25 | 22.8761 | A | 11.5 |
| 5 | ☐ | 2500.000 | 2638.203 | 3708398.83 | 43.5009 | A | 0.9 |
| 6 | ☐ | 5000.000 | 5092.838 | 7129608.23 | 83.9706 | A | 0.3 |
| 7 | ☐ | 10000.000 | 9900.093 | 13625147.30 | 163.2282 | A | 0.8 |
| 8 | ☐ | | | 5235.50 | 0.0561 | P | 19.8 |

y = 0.0165 * x + 0.0047
R = 0.9998
DL = 0.05792
BEC = 0.282

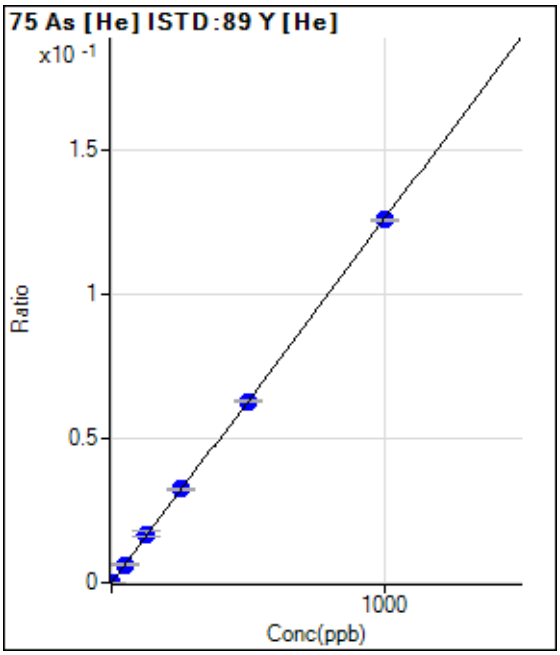
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 130.00 | 0.0013 | P | 4.8 |
| 2 | ☐ | 2.000 | 5.020 | 1231.18 | 0.0121 | P | 6.6 |
| 3 | ☐ | 500.000 | 530.967 | 109879.94 | 1.1451 | P | 3.2 |
| 4 | ☐ | 1250.000 | 1368.573 | 256091.71 | 2.9494 | P | 11.5 |
| 5 | ☐ | 2500.000 | 2600.638 | 477632.90 | 5.6035 | P | 1.7 |
| 6 | ☐ | 5000.000 | 5055.157 | 924649.92 | 10.8910 | P | 1.0 |
| 7 | ☐ | 10000.000 | 9930.891 | 1785743.90 | 21.3941 | A | 1.4 |
| 8 | ☐ | | | 2680.28 | 0.0286 | P | 4.1 |

y = 0.0022 * x + 0.0013
R = 0.9999
DL = 0.08767
BEC = 0.6044

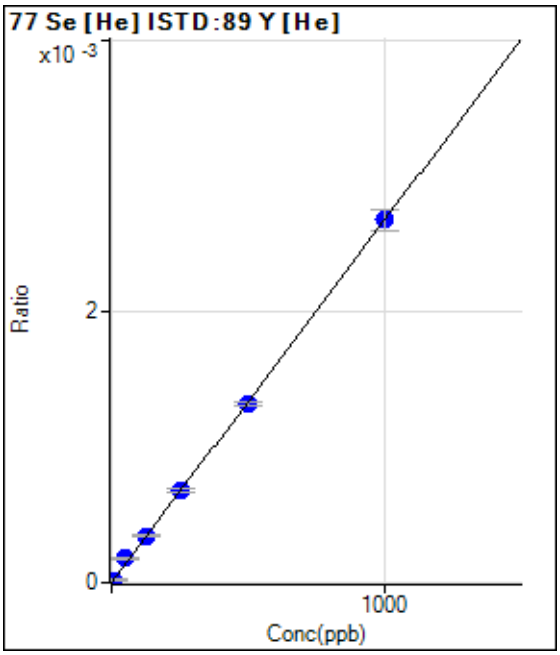
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 173.2 |
| 2 | ☐ | 1.000 | 0.887 | 102.23 | 0.0001 | P | 19.6 |
| 3 | ☐ | 50.000 | 49.962 | 5274.37 | 0.0063 | P | 1.9 |
| 4 | ☐ | 125.000 | 133.304 | 12733.63 | 0.0168 | P | 10.9 |
| 5 | ☐ | 250.000 | 257.148 | 24035.05 | 0.0324 | P | 1.2 |
| 6 | ☐ | 500.000 | 499.267 | 46264.65 | 0.0629 | P | 1.3 |
| 7 | ☐ | 1000.000 | 997.543 | 90155.00 | 0.1257 | P | 0.8 |
| 8 | ☐ | | | 78.89 | 0.0001 | P | 20.9 |

y = 1.2602E-004 * x + 3.8946E-006
R = 0.9999
DL = 0.1606
BEC = 0.0309

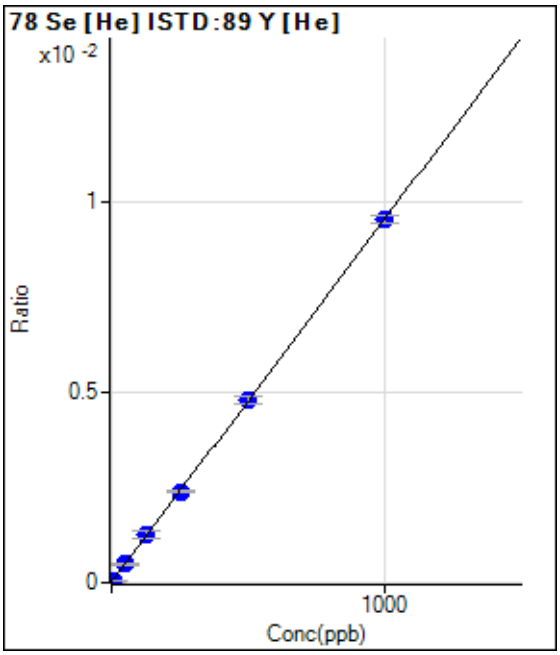
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 5.000 | 6.080 | 14.44 | 0.0000 | P | 86.8 |
| 3 | ☐ | 50.000 | 66.561 | 148.89 | 0.0002 | P | 12.9 |
| 4 | ☐ | 125.000 | 128.367 | 261.12 | 0.0003 | P | 5.1 |
| 5 | ☐ | 250.000 | 254.002 | 503.35 | 0.0007 | P | 5.6 |
| 6 | ☐ | 500.000 | 493.361 | 970.04 | 0.0013 | P | 2.9 |
| 7 | ☐ | 1000.000 | 1001.065 | 1919.04 | 0.0027 | P | 5.8 |
| 8 | ☐ | | | 12.22 | 0.0000 | P | 42.7 |

y = 2.6735E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

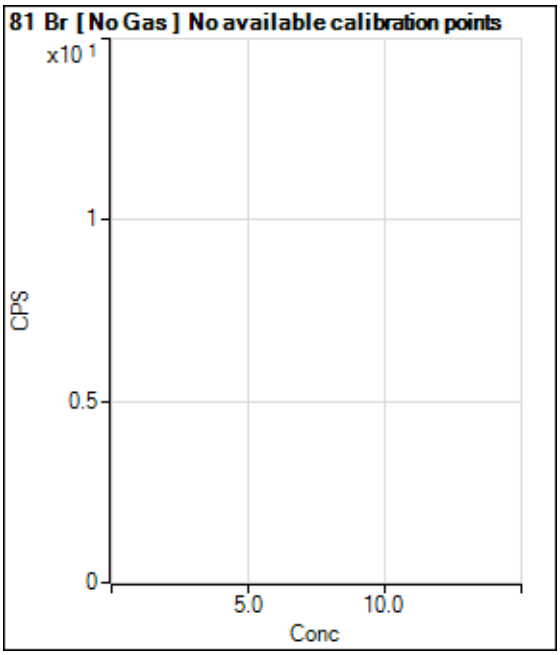
Weight: <None>
Min Conc: 0



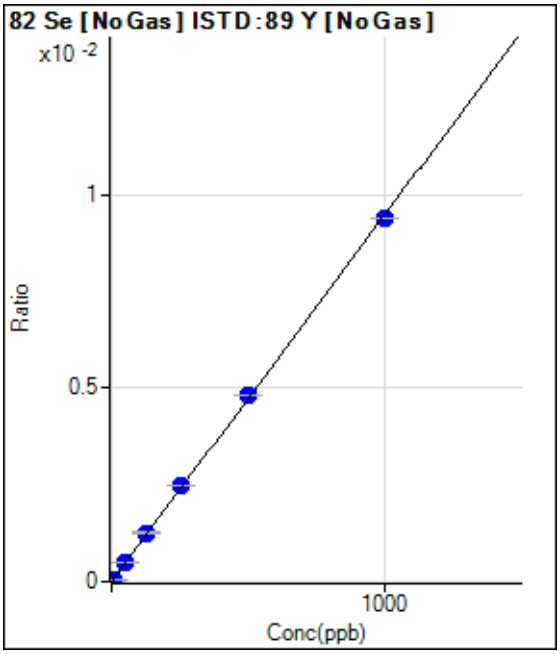

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 57.6 |
| 2 | ☐ | 5.000 | 4.214 | 45.55 | 0.0001 | P | 4.0 |
| 3 | ☐ | 50.000 | 49.821 | 406.68 | 0.0005 | P | 17.4 |
| 4 | ☐ | 125.000 | 132.788 | 965.60 | 0.0013 | P | 14.3 |
| 5 | ☐ | 250.000 | 249.612 | 1771.24 | 0.0024 | P | 1.1 |
| 6 | ☐ | 500.000 | 501.598 | 3520.48 | 0.0048 | P | 3.5 |
| 7 | ☐ | 1000.000 | 998.338 | 6825.05 | 0.0095 | P | 2.0 |
| 8 | ☐ | | | 48.89 | 0.0001 | P | 17.6 |

y = 9.5218E-006 * x + 1.1611E-005
R = 1.0000
DL = 2.107
BEC = 1.219

Weight: <None>
Min Conc: 0



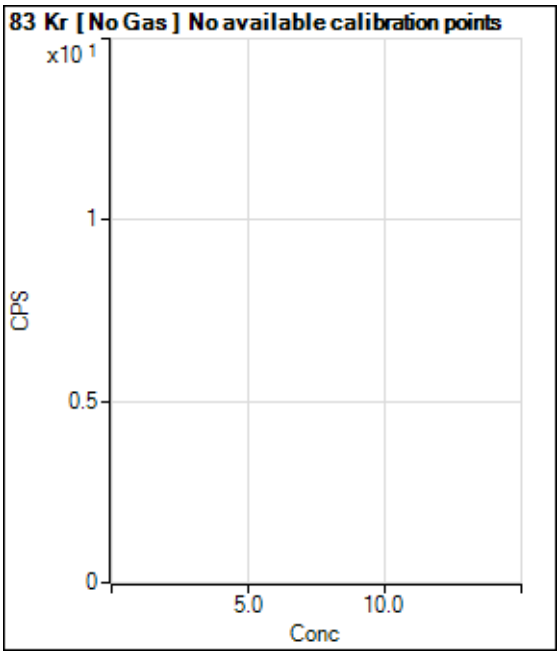

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2163.53 | | P | 4.7 |
| 2 | ☐ | | | 2077.95 | | P | 1.6 |
| 3 | ☐ | | | 2139.08 | | P | 1.1 |
| 4 | ☐ | | | 1876.81 | | P | 3.9 |
| 5 | ☐ | | | 1760.13 | | P | 3.3 |
| 6 | ☐ | | | 1575.66 | | P | 2.2 |
| 7 | ☐ | | | 1772.35 | | P | 2.5 |
| 8 | ☐ | | | 2514.70 | | P | 4.1 |



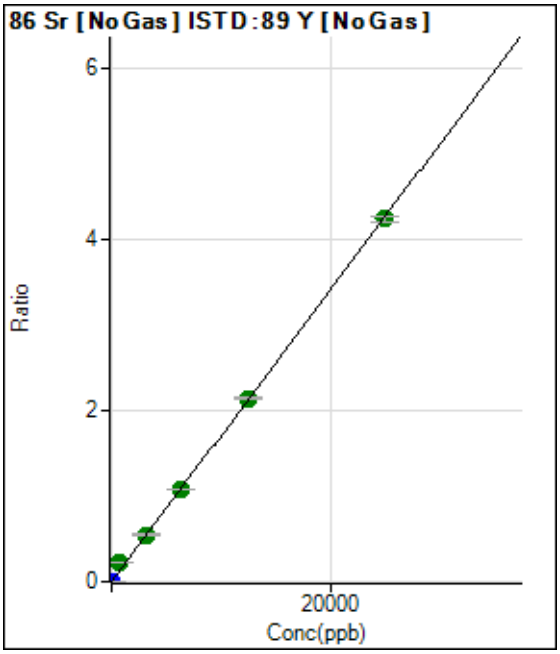

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | -35.56 | 0.0000 | P | -104. |
| 2 | ☐ | 5.000 | 5.378 | 376.68 | 0.0000 | P | 12.5 |
| 3 | ☐ | 50.000 | 53.672 | 4059.55 | 0.0005 | P | 2.3 |
| 4 | ☐ | 125.000 | 133.784 | 9553.44 | 0.0013 | P | 3.8 |
| 5 | ☐ | 250.000 | 263.556 | 18223.26 | 0.0025 | P | 0.5 |
| 6 | ☐ | 500.000 | 510.096 | 35094.30 | 0.0048 | P | 0.6 |
| 7 | ☐ | 1000.000 | 990.279 | 66915.12 | 0.0094 | P | 0.2 |
| 8 | ☐ | | | 375.57 | 0.0001 | P | 17.1 |

y = 9.4873E-006 * x - 4.3909E-006
R = 0.9998
DL = 1.457
BEC = -0.4628

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 155.56 | | P | 12.9 |
| 2 | ☐ | | | 148.89 | | P | 33.9 |
| 3 | ☐ | | | 137.78 | | P | 7.4 |
| 4 | ☐ | | | 161.12 | | P | 13.1 |
| 5 | ☐ | | | 148.89 | | P | 11.0 |
| 6 | ☐ | | | 138.89 | | P | 9.1 |
| 7 | ☐ | | | 138.89 | | P | 25.0 |
| 8 | ☐ | | | 153.34 | | P | 13.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 307.78 | 0.0000 | P | 7.3 |
| 2 | ☐ | 1.000 | 0.957 | 1621.22 | 0.0002 | P | 1.1 |
| 3 | ☐ | 625.000 | 1295.756 | 1774083.90 | 0.2206 | A | 1.7 |
| 4 | ☐ | 3125.000 | 3209.831 | 4127652.16 | 0.5465 | A | 3.2 |
| 5 | ☐ | 6250.000 | 6353.376 | 7895896.82 | 1.0816 | A | 0.8 |
| 6 | ☐ | 12500.000 | 12596.999 | 15564068.93 | 2.1445 | A | 1.5 |
| 7 | ☐ | 25000.000 | 24898.284 | 30199551.22 | 4.2385 | A | 1.3 |
| 8 | ☐ | | | 4078.46 | 0.0006 | P | 5.8 |

y = 1.7023E-004 * x + 3.7775E-005

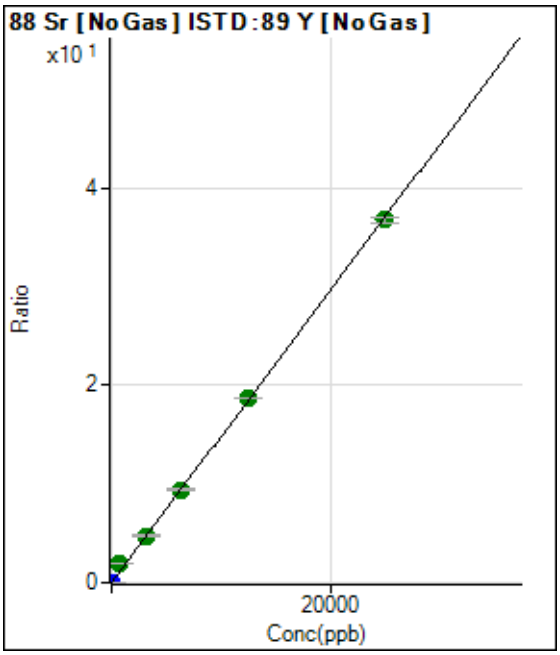
R = 0.9997

DL = 0.04865

BEC = 0.2219

Weight: <None>

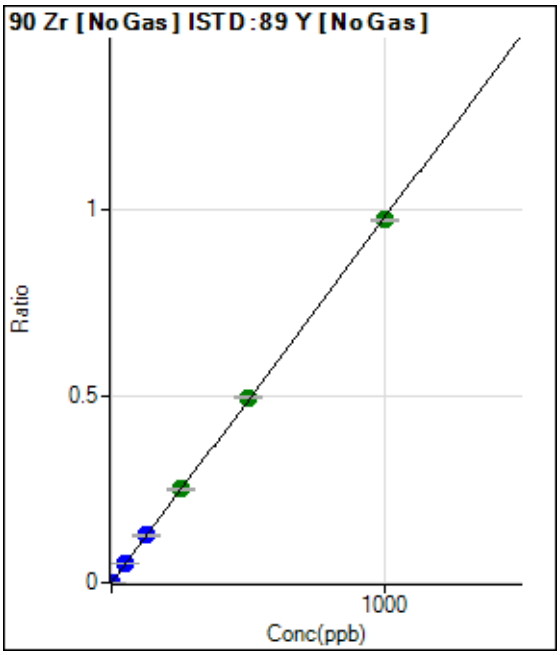
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 594.47 | 0.0001 | P | 5.0 |
| 2 | ☐ | 1.000 | 0.986 | 12372.24 | 0.0015 | P | 1.7 |
| 3 | ☐ | 625.000 | 1292.412 | 15375922.27 | 1.9124 | A | 0.5 |
| 4 | ☐ | 3125.000 | 3219.862 | 35991729.47 | 4.7643 | A | 2.4 |
| 5 | ☐ | 6250.000 | 6386.874 | 68990529.53 | 9.4503 | A | 0.6 |
| 6 | ☐ | 12500.000 | 12654.749 | 135911477.9 | 18.7245 | A | 0.9 |
| 7 | ☐ | 25000.000 | 24859.864 | 262081631.6 | 36.7835 | A | 1.3 |
| 8 | ☐ | | | 34949.84 | 0.0050 | P | 10.9 |

y = 0.0015 * x + 7.2852E-005
R = 0.9997
DL = 0.007431
BEC = 0.04924

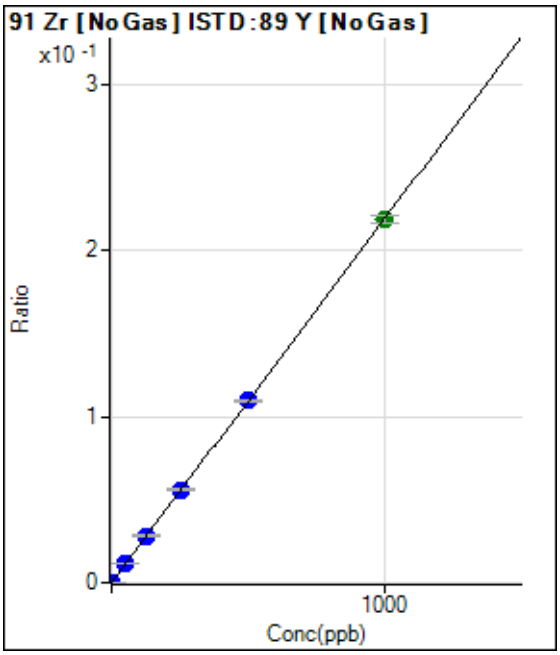
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 302.23 | 0.0000 | P | 4.3 |
| 2 | ☐ | 1.000 | 0.974 | 7989.03 | 0.0010 | P | 1.9 |
| 3 | ☐ | 50.000 | 51.153 | 402480.62 | 0.0501 | P | 1.1 |
| 4 | ☐ | 125.000 | 129.608 | 957858.92 | 0.1268 | P | 1.7 |
| 5 | ☐ | 250.000 | 256.480 | 1831086.22 | 0.2508 | A | 1.9 |
| 6 | ☐ | 500.000 | 506.816 | 3597828.87 | 0.4956 | A | 1.3 |
| 7 | ☐ | 1000.000 | 994.338 | 6928657.19 | 0.9724 | A | 0.6 |
| 8 | ☐ | | | 2972.57 | 0.0004 | P | 0.2 |

y = 9.7787E-004 * x + 3.7069E-005
R = 0.9999
DL = 0.004847
BEC = 0.03791

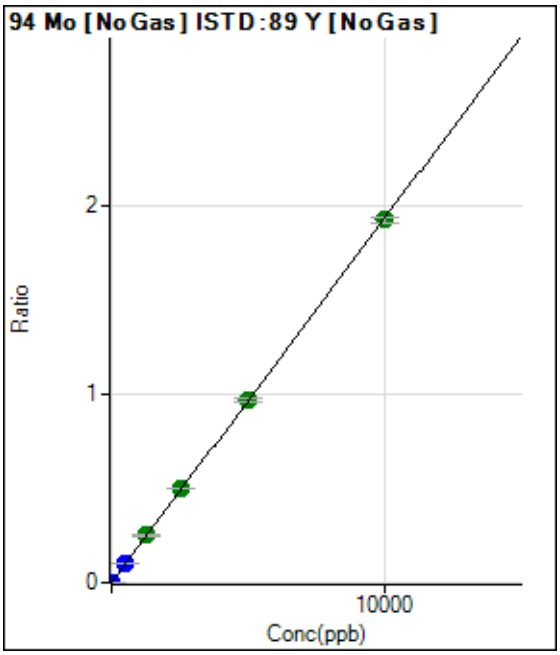
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 42.22 | 0.0000 | P | 14.3 |
| 2 | ☐ | 1.000 | 0.974 | 1764.58 | 0.0002 | P | 6.1 |
| 3 | ☐ | 50.000 | 50.557 | 89062.38 | 0.0111 | P | 0.8 |
| 4 | ☐ | 125.000 | 129.025 | 213523.47 | 0.0283 | P | 2.0 |
| 5 | ☐ | 250.000 | 255.595 | 408685.64 | 0.0560 | P | 1.0 |
| 6 | ☐ | 500.000 | 500.635 | 795832.32 | 0.1096 | P | 0.9 |
| 7 | ☐ | 1000.000 | 997.753 | 1556851.70 | 0.2185 | A | 2.2 |
| 8 | ☐ | | | 655.58 | 0.0001 | P | 15.8 |

y = 2.1900E-004 * x + 5.1901E-006
R = 1.0000
DL = 0.01016
BEC = 0.0237

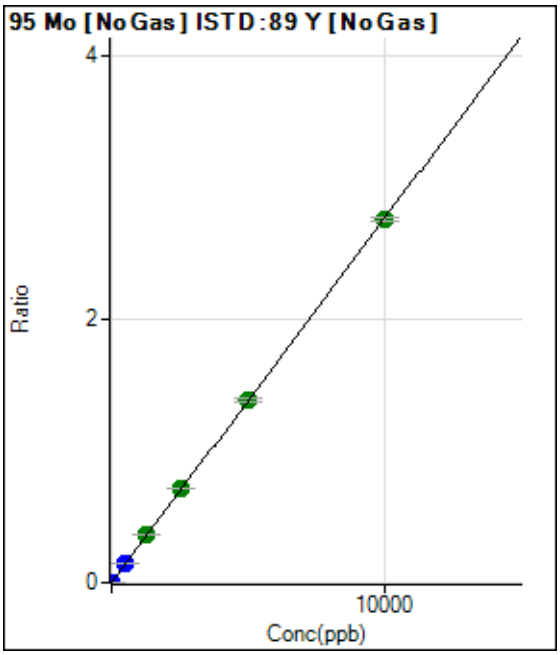
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 96.67 | 0.0000 | P | 4.5 |
| 2 | ☐ | 5.000 | 5.860 | 9249.81 | 0.0011 | P | 2.4 |
| 3 | ☐ | 500.000 | 515.558 | 801849.98 | 0.0997 | P | 0.7 |
| 4 | ☐ | 1250.000 | 1294.316 | 1891552.77 | 0.2504 | A | 1.7 |
| 5 | ☐ | 2500.000 | 2594.797 | 3663976.40 | 0.5019 | A | 1.0 |
| 6 | ☐ | 5000.000 | 5019.363 | 7045945.17 | 0.9708 | A | 1.9 |
| 7 | ☐ | 10000.000 | 9960.301 | 13726363.27 | 1.9265 | A | 1.4 |
| 8 | ☐ | | | 5907.99 | 0.0008 | P | 3.3 |

y = 1.9342E-004 * x + 1.1851E-005
R = 0.9999
DL = 0.00827
BEC = 0.06127

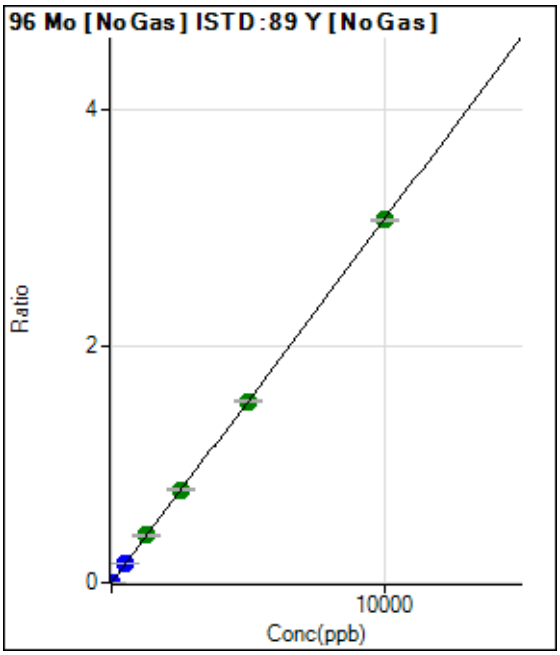
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.56 | 0.0000 | P | 9.7 |
| 2 | ☐ | 5.000 | 5.081 | 11352.50 | 0.0014 | P | 3.3 |
| 3 | ☐ | 500.000 | 513.058 | 1138688.07 | 0.1416 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1315.037 | 2742555.65 | 0.3630 | A | 1.7 |
| 5 | ☐ | 2500.000 | 2577.104 | 5193107.32 | 0.7114 | A | 1.0 |
| 6 | ☐ | 5000.000 | 5023.526 | 10063320.55 | 1.3867 | A | 2.1 |
| 7 | ☐ | 10000.000 | 9960.178 | 19589766.93 | 2.7493 | A | 1.2 |
| 8 | ☐ | | | 8163.60 | 0.0012 | P | 3.5 |

y = 2.7603E-004 * x + 3.1390E-006
R = 1.0000
DL = 0.003302
BEC = 0.01137

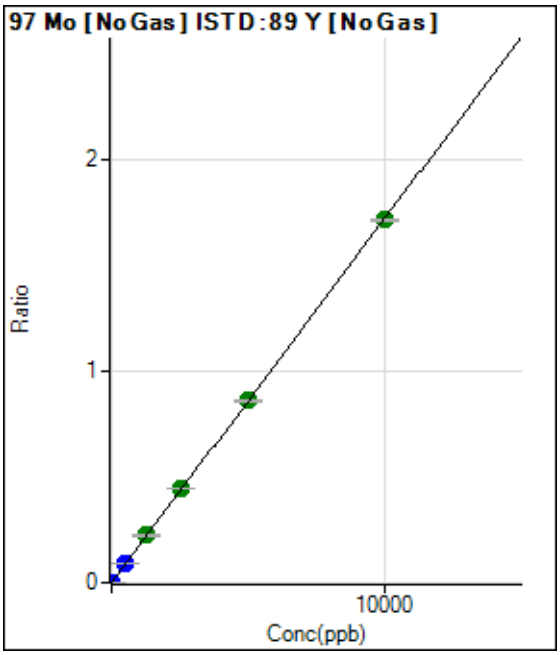
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0000 | P | 16.1 |
| 2 | ☐ | 5.000 | 4.984 | 12459.00 | 0.0015 | P | 1.4 |
| 3 | ☐ | 500.000 | 508.730 | 1256982.74 | 0.1563 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1296.327 | 3009427.39 | 0.3984 | A | 2.3 |
| 5 | ☐ | 2500.000 | 2560.762 | 5744641.93 | 0.7869 | A | 1.2 |
| 6 | ☐ | 5000.000 | 4997.148 | 11146043.45 | 1.5356 | A | 0.5 |
| 7 | ☐ | 10000.000 | 9980.008 | 21852046.89 | 3.0668 | A | 0.6 |
| 8 | ☐ | | | 8999.70 | 0.0013 | P | 4.1 |

y = 3.0729E-004 * x + 1.0907E-005
R = 1.0000
DL = 0.01716
BEC = 0.0355

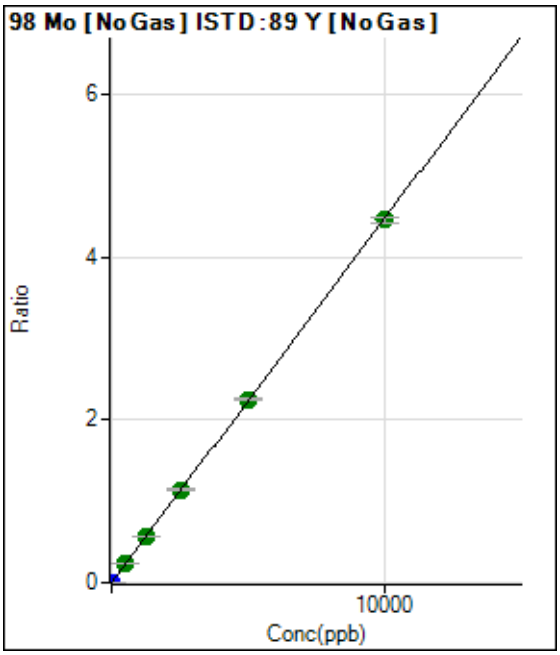
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18.89 | 0.0000 | P | 60.5 |
| 2 | ☐ | 5.000 | 5.009 | 6979.60 | 0.0009 | P | 3.7 |
| 3 | ☐ | 500.000 | 514.554 | 711725.03 | 0.0885 | P | 1.3 |
| 4 | ☐ | 1250.000 | 1296.617 | 1684893.76 | 0.2231 | A | 3.4 |
| 5 | ☐ | 2500.000 | 2582.562 | 3243755.86 | 0.4443 | A | 1.4 |
| 6 | ☐ | 5000.000 | 5001.810 | 6245958.31 | 0.8605 | A | 0.5 |
| 7 | ☐ | 10000.000 | 9971.900 | 12224008.02 | 1.7155 | A | 0.4 |
| 8 | ☐ | | | 4784.21 | 0.0007 | P | 2.2 |

y = 1.7204E-004 * x + 2.3047E-006
R = 1.0000
DL = 0.0243
BEC = 0.0134

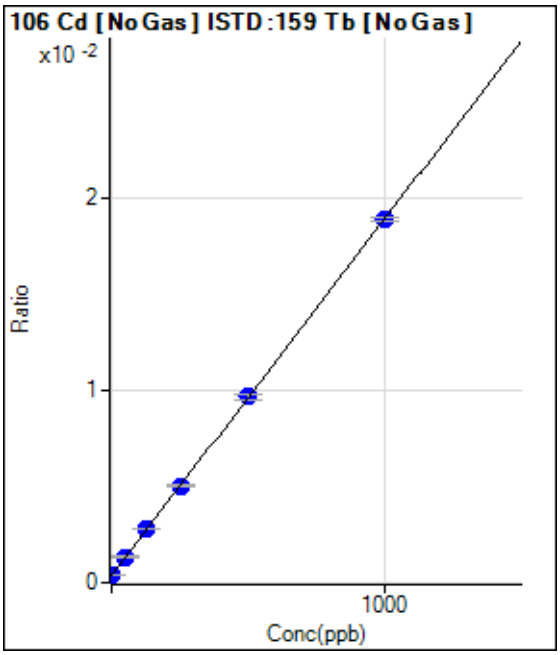
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 44.44 | 0.0000 | P | 40.6 |
| 2 | ☐ | 5.000 | 5.011 | 18161.99 | 0.0022 | P | 2.8 |
| 3 | ☐ | 500.000 | 515.611 | 1855913.01 | 0.2308 | A | 1.3 |
| 4 | ☐ | 1250.000 | 1285.152 | 4347243.41 | 0.5753 | A | 1.3 |
| 5 | ☐ | 2500.000 | 2548.196 | 8327648.90 | 1.1408 | A | 1.5 |
| 6 | ☐ | 5000.000 | 5034.325 | 16357399.62 | 2.2538 | A | 1.5 |
| 7 | ☐ | 10000.000 | 9965.614 | 31787018.69 | 4.4614 | A | 1.4 |
| 8 | ☐ | | | 12753.77 | 0.0018 | P | 3.2 |

y = 4.4768E-004 * x + 5.4830E-006
R = 1.0000
DL = 0.01491
BEC = 0.01225

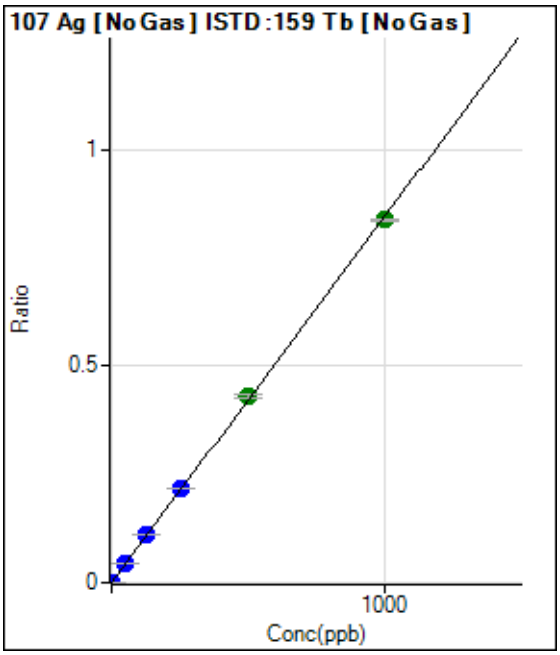
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2365.78 | 0.0004 | P | 5.2 |
| 2 | ☐ | 1.000 | 0.635 | 2424.69 | 0.0004 | P | 4.2 |
| 3 | ☐ | 50.000 | 52.061 | 8573.86 | 0.0013 | P | 3.4 |
| 4 | ☐ | 125.000 | 130.197 | 17238.68 | 0.0028 | P | 0.9 |
| 5 | ☐ | 250.000 | 252.011 | 30864.57 | 0.0050 | P | 1.0 |
| 6 | ☐ | 500.000 | 501.697 | 58900.94 | 0.0096 | P | 2.5 |
| 7 | ☐ | 1000.000 | 997.896 | 111015.99 | 0.0188 | P | 1.0 |
| 8 | ☐ | | | 1960.16 | 0.0003 | P | 2.7 |

y = 1.8501E-005 * x + 3.6762E-004
R = 1.0000
DL = 3.072
BEC = 19.87

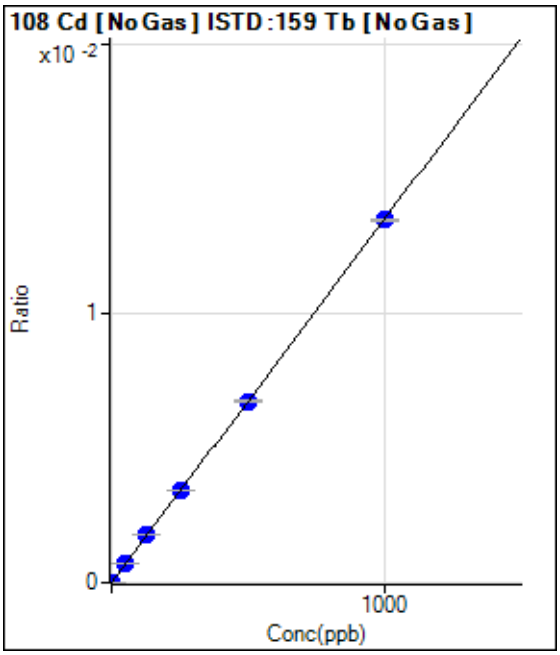
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0000 | P | 27.1 |
| 2 | ☐ | 1.000 | 1.048 | 5717.91 | 0.0009 | P | 3.1 |
| 3 | ☐ | 50.000 | 53.635 | 291754.33 | 0.0453 | P | 1.6 |
| 4 | ☐ | 125.000 | 131.625 | 690046.38 | 0.1111 | P | 0.4 |
| 5 | ☐ | 250.000 | 256.188 | 1327171.79 | 0.2163 | P | 0.8 |
| 6 | ☐ | 500.000 | 511.131 | 2634250.13 | 0.4315 | A | 1.8 |
| 7 | ☐ | 1000.000 | 991.878 | 4937334.09 | 0.8374 | A | 0.5 |
| 8 | ☐ | | | 1037.83 | 0.0002 | P | 8.2 |

y = 8.4426E-004 * x + 9.1971E-006
R = 0.9999
DL = 0.008849
BEC = 0.01089

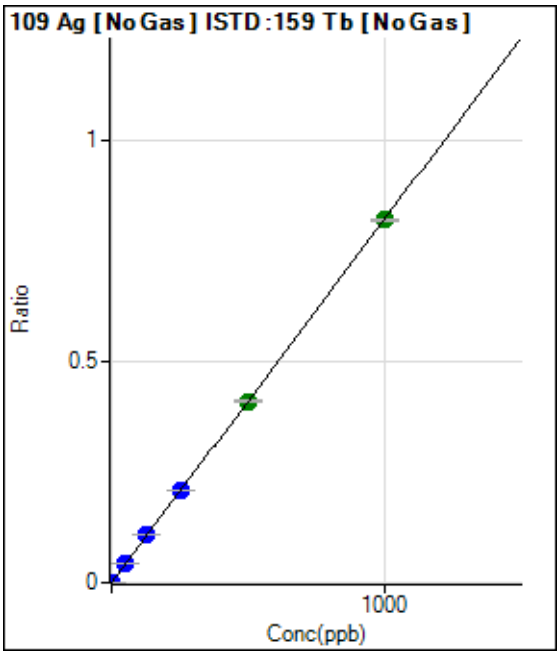
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6.67 | 0.0000 | P | 50.8 |
| 2 | ☐ | 1.000 | 0.953 | 88.89 | 0.0000 | P | 13.5 |
| 3 | ☐ | 50.000 | 53.934 | 4699.73 | 0.0007 | P | 2.0 |
| 4 | ☐ | 125.000 | 131.518 | 11036.74 | 0.0018 | P | 1.1 |
| 5 | ☐ | 250.000 | 254.377 | 21089.61 | 0.0034 | P | 1.2 |
| 6 | ☐ | 500.000 | 499.330 | 41181.28 | 0.0067 | P | 1.3 |
| 7 | ☐ | 1000.000 | 998.229 | 79507.50 | 0.0135 | P | 0.6 |
| 8 | ☐ | | | 77.78 | 0.0000 | P | 41.3 |

y = 1.3508E-005 * x + 1.0440E-006
R = 1.0000
DL = 0.1178
BEC = 0.07729

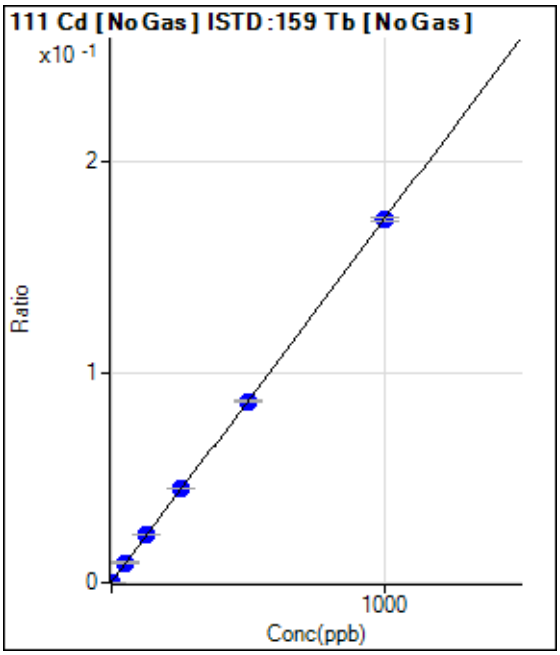
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22.22 | 0.0000 | P | 49.6 |
| 2 | ☐ | 1.000 | 1.012 | 5335.53 | 0.0008 | P | 2.9 |
| 3 | ☐ | 50.000 | 53.667 | 283964.45 | 0.0441 | P | 1.5 |
| 4 | ☐ | 125.000 | 130.811 | 667127.76 | 0.1074 | P | 0.3 |
| 5 | ☐ | 250.000 | 254.358 | 1281934.11 | 0.2089 | P | 0.7 |
| 6 | ☐ | 500.000 | 499.409 | 2503901.96 | 0.4102 | A | 1.8 |
| 7 | ☐ | 1000.000 | 998.296 | 4834394.75 | 0.8199 | A | 0.6 |
| 8 | ☐ | | | 967.83 | 0.0002 | P | 2.3 |

y = 8.2134E-004 * x + 3.4885E-006
R = 1.0000
DL = 0.006317
BEC = 0.004247

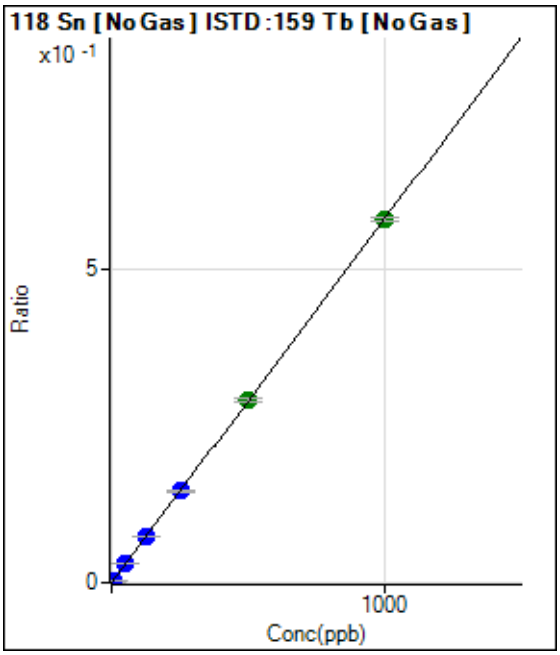
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1662.49 | 0.0003 | P | 5.2 |
| 2 | ☐ | 1.000 | 1.037 | 2796.23 | 0.0004 | P | 3.4 |
| 3 | ☐ | 50.000 | 53.860 | 61544.88 | 0.0096 | P | 1.2 |
| 4 | ☐ | 125.000 | 132.527 | 143622.61 | 0.0231 | P | 0.7 |
| 5 | ☐ | 250.000 | 257.108 | 273861.42 | 0.0446 | P | 0.8 |
| 6 | ☐ | 500.000 | 498.357 | 526656.56 | 0.0863 | P | 0.9 |
| 7 | ☐ | 1000.000 | 997.911 | 1016927.08 | 0.1725 | P | 1.1 |
| 8 | ☐ | | | 1985.47 | 0.0003 | P | 2.9 |

y = 1.7259E-004 * x + 2.5833E-004
R = 1.0000
DL = 0.2331
BEC = 1.497

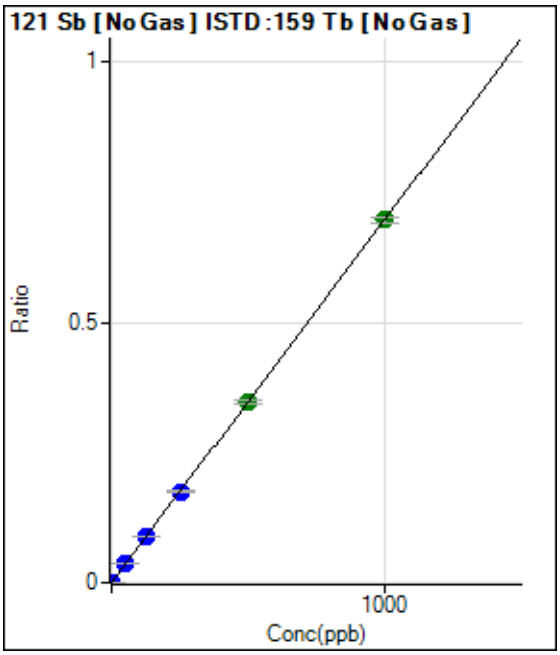
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 545.57 | 0.0001 | P | 4.3 |
| 2 | ☐ | 5.000 | 5.075 | 19361.57 | 0.0030 | P | 1.0 |
| 3 | ☐ | 50.000 | 52.077 | 195059.49 | 0.0303 | P | 1.7 |
| 4 | ☐ | 125.000 | 129.027 | 465059.38 | 0.0749 | P | 0.3 |
| 5 | ☐ | 250.000 | 251.317 | 894659.57 | 0.1458 | P | 0.8 |
| 6 | ☐ | 500.000 | 502.324 | 1778546.64 | 0.2914 | A | 1.5 |
| 7 | ☐ | 1000.000 | 997.901 | 3411919.33 | 0.5787 | A | 1.2 |
| 8 | ☐ | | | 2730.30 | 0.0005 | P | 6.1 |

y = 5.7984E-004 * x + 8.4838E-005
R = 1.0000
DL = 0.01867
BEC = 0.1463

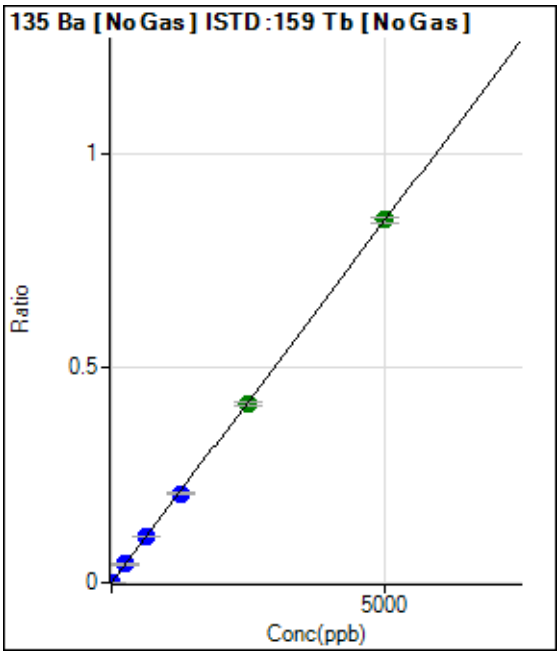
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 27.78 | 0.0000 | P | 41.6 |
| 2 | ☐ | 2.000 | 2.065 | 9229.87 | 0.0014 | P | 1.6 |
| 3 | ☐ | 50.000 | 51.567 | 231544.16 | 0.0359 | P | 1.3 |
| 4 | ☐ | 125.000 | 128.157 | 554614.41 | 0.0893 | P | 1.1 |
| 5 | ☐ | 250.000 | 251.098 | 1073793.42 | 0.1750 | P | 1.1 |
| 6 | ☐ | 500.000 | 497.724 | 2117547.80 | 0.3469 | A | 1.6 |
| 7 | ☐ | 1000.000 | 1000.390 | 4110615.88 | 0.6972 | A | 1.6 |
| 8 | ☐ | | | 2496.92 | 0.0004 | P | 8.7 |

y = 6.9694E-004 * x + 4.3556E-006
R = 1.0000
DL = 0.007794
BEC = 0.00625

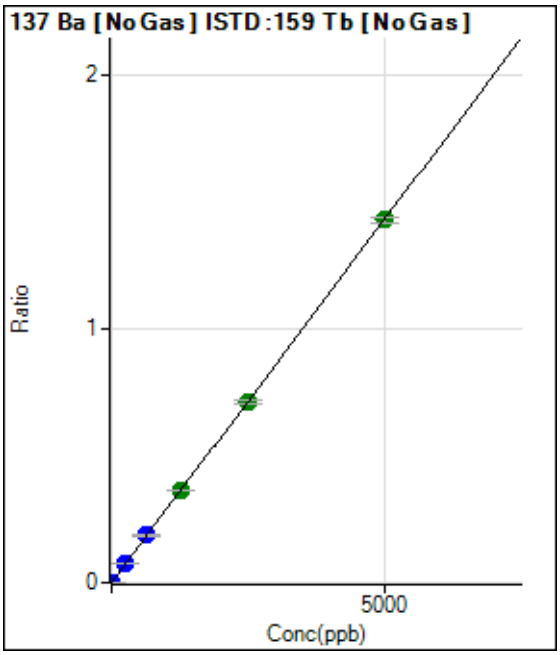
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 81.11 | 0.0000 | P | 11.6 |
| 2 | ☐ | 10.000 | 9.760 | 10597.55 | 0.0017 | P | 0.7 |
| 3 | ☐ | 250.000 | 253.574 | 275313.59 | 0.0427 | P | 1.9 |
| 4 | ☐ | 625.000 | 630.331 | 659566.85 | 0.1062 | P | 0.3 |
| 5 | ☐ | 1250.000 | 1234.578 | 1276598.13 | 0.2080 | P | 0.9 |
| 6 | ☐ | 2500.000 | 2477.043 | 2548091.59 | 0.4174 | A | 1.6 |
| 7 | ☐ | 5000.000 | 5014.490 | 4981827.57 | 0.8450 | A | 1.4 |
| 8 | ☐ | | | 2525.85 | 0.0004 | P | 5.9 |

y = 1.6851E-004 * x + 1.2613E-005
R = 1.0000
DL = 0.02602
BEC = 0.07485

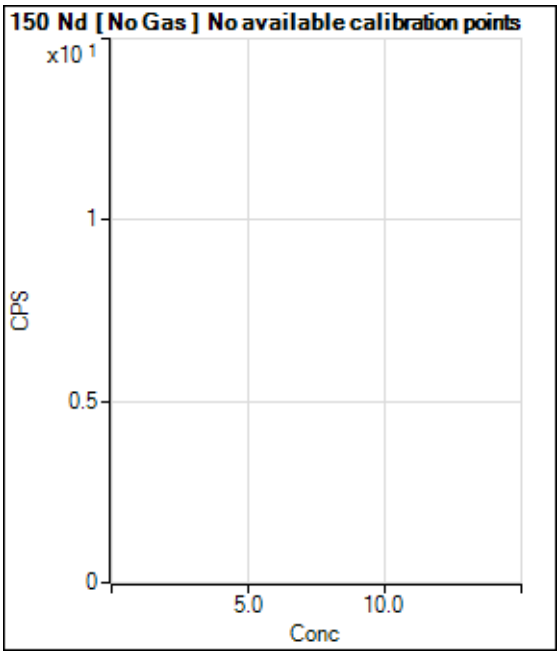
Weight: <None>
Min Conc: 0



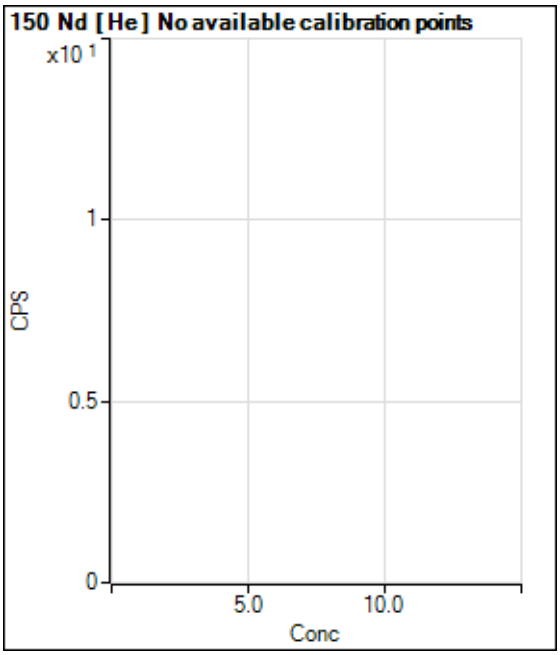

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.66 | 0.0000 | P | 5.8 |
| 2 | ☐ | 10.000 | 10.109 | 18576.20 | 0.0029 | P | 3.1 |
| 3 | ☐ | 250.000 | 259.271 | 478466.18 | 0.0743 | P | 1.0 |
| 4 | ☐ | 625.000 | 649.413 | 1154951.17 | 0.1860 | P | 0.6 |
| 5 | ☐ | 1250.000 | 1266.346 | 2225518.40 | 0.3627 | A | 1.2 |
| 6 | ☐ | 2500.000 | 2497.106 | 4365801.88 | 0.7152 | A | 1.9 |
| 7 | ☐ | 5000.000 | 4993.845 | 8432670.08 | 1.4303 | A | 1.5 |
| 8 | ☐ | | | 4370.76 | 0.0007 | P | 2.7 |

y = 2.8641E-004 * x + 1.0360E-005
R = 1.0000
DL = 0.006307
BEC = 0.03617

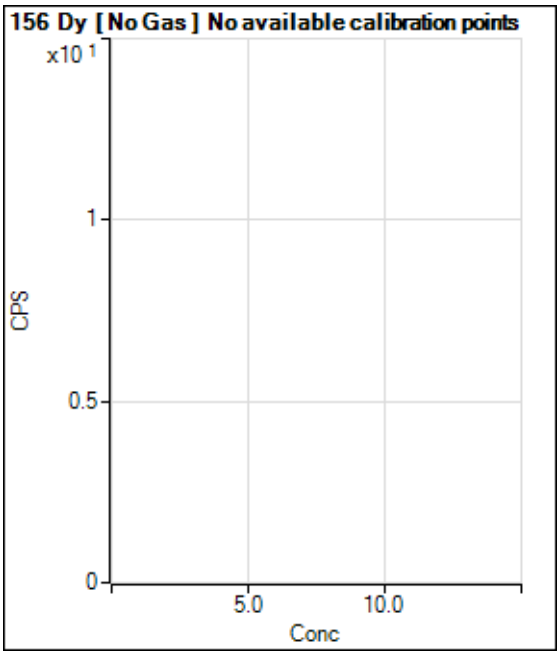
Weight: <None>
Min Conc: 0



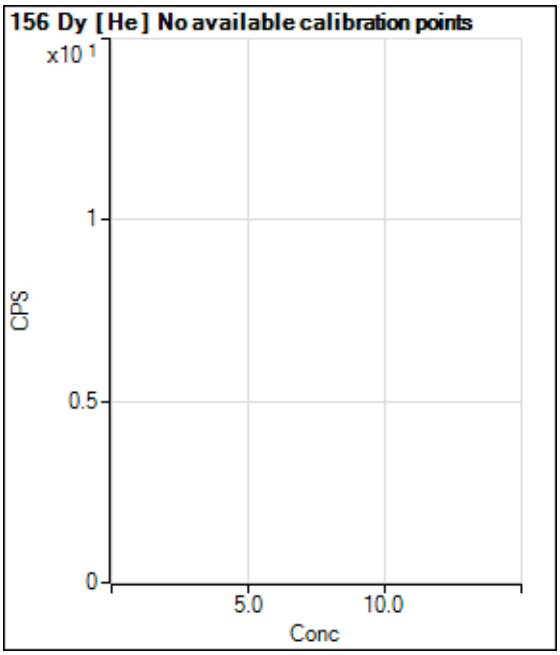

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 14.44 | | P | 66.6 |
| 2 | ☐ | | | 14.44 | | P | 13.4 |
| 3 | ☐ | | | 33.33 | | P | 26.5 |
| 4 | ☐ | | | 61.11 | | P | 3.1 |
| 5 | ☐ | | | 86.67 | | P | 16.8 |
| 6 | ☐ | | | 190.00 | | P | 19.0 |
| 7 | ☐ | | | 333.34 | | P | 9.5 |
| 8 | ☐ | | | 164.45 | | P | 18.2 |



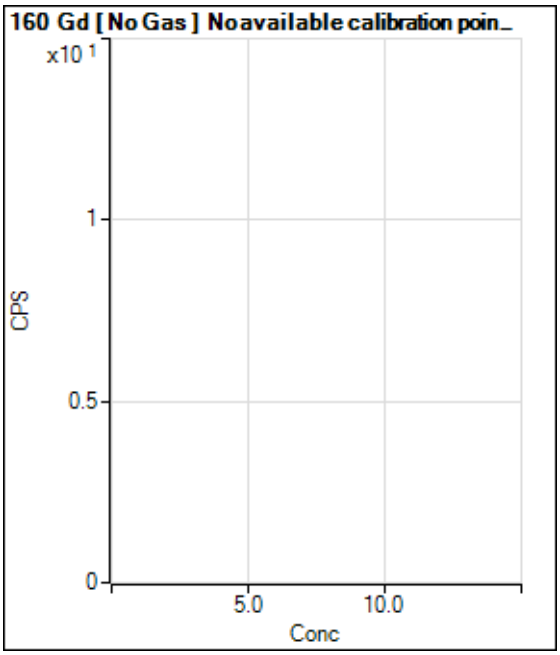

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 4.44 | | P | 114.6 |
| 2 | ☐ | | | 0.00 | | P | |
| 3 | ☐ | | | 2.22 | | P | 86.6 |
| 4 | ☐ | | | 7.78 | | P | 65.5 |
| 5 | ☐ | | | 10.00 | | P | 57.7 |
| 6 | ☐ | | | 24.44 | | P | 34.3 |
| 7 | ☐ | | | 60.00 | | P | 0.0 |
| 8 | ☐ | | | 50.00 | | P | 29.1 |



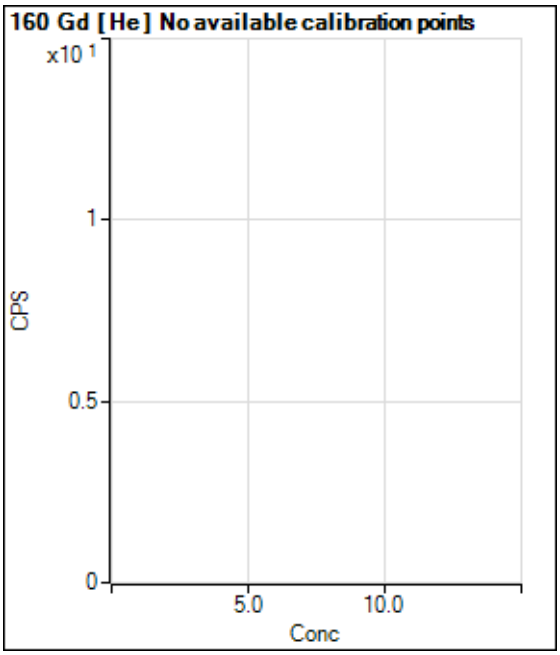

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 4.45 | | P | 86.6 |
| 2 | ☐ | | | 5.56 | | P | 34.7 |
| 3 | ☐ | | | 22.22 | | P | 77.0 |
| 4 | ☐ | | | 60.00 | | P | 29.4 |
| 5 | ☐ | | | 105.56 | | P | 25.7 |
| 6 | ☐ | | | 154.45 | | P | 21.3 |
| 7 | ☐ | | | 351.12 | | P | 5.6 |
| 8 | ☐ | | | 1007.83 | | P | 0.5 |



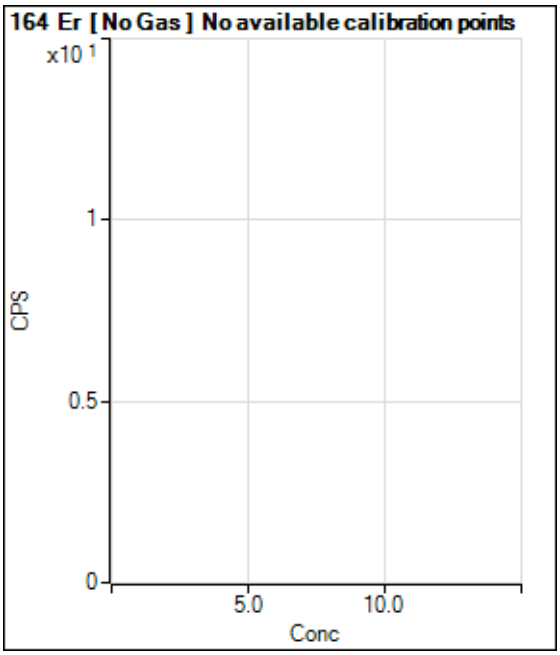

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 3.33 | | P | 0.0 |
| 2 | ☐ | | | 2.22 | | P | 86.6 |
| 3 | ☐ | | | 6.67 | | P | 50.0 |
| 4 | ☐ | | | 16.67 | | P | 52.9 |
| 5 | ☐ | | | 38.89 | | P | 32.4 |
| 6 | ☐ | | | 88.89 | | P | 9.4 |
| 7 | ☐ | | | 162.22 | | P | 4.3 |
| 8 | ☐ | | | 450.01 | | P | 5.2 |



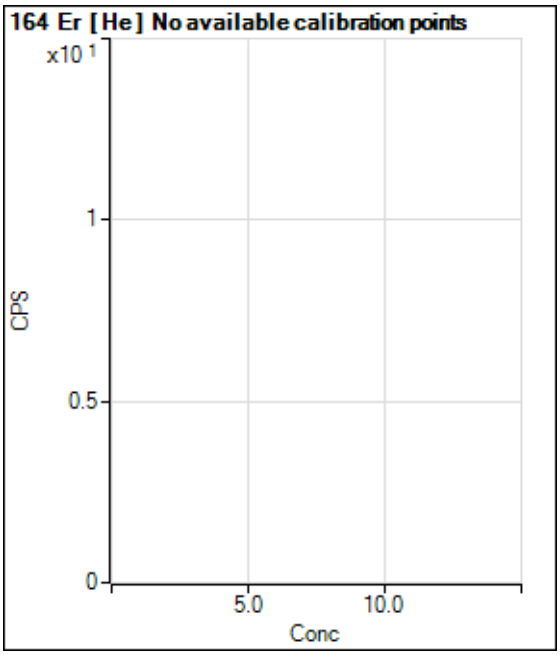

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 55.55 | | P | 6.9 |
| 2 | ☐ | | | 57.78 | | P | 18.5 |
| 3 | ☐ | | | 78.89 | | P | 24.4 |
| 4 | ☐ | | | 94.45 | | P | 18.1 |
| 5 | ☐ | | | 125.56 | | P | 15.1 |
| 6 | ☐ | | | 208.89 | | P | 7.4 |
| 7 | ☐ | | | 331.12 | | P | 1.2 |
| 8 | ☐ | | | 1150.06 | | P | 10.5 |



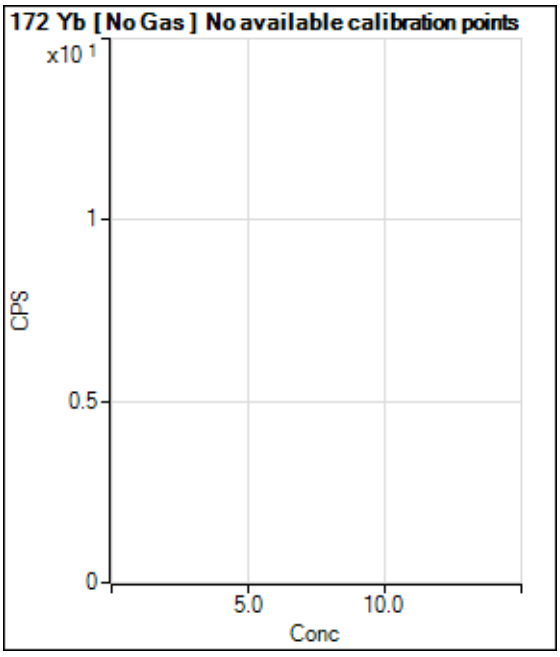

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 98.89 | | P | 15.6 |
| 2 | ☐ | | | 78.89 | | P | 12.9 |
| 3 | ☐ | | | 62.22 | | P | 43.6 |
| 4 | ☐ | | | 126.67 | | P | 12.1 |
| 5 | ☐ | | | 93.33 | | P | 38.6 |
| 6 | ☐ | | | 126.67 | | P | 20.6 |
| 7 | ☐ | | | 207.78 | | P | 10.3 |
| 8 | ☐ | | | 588.91 | | P | 7.9 |



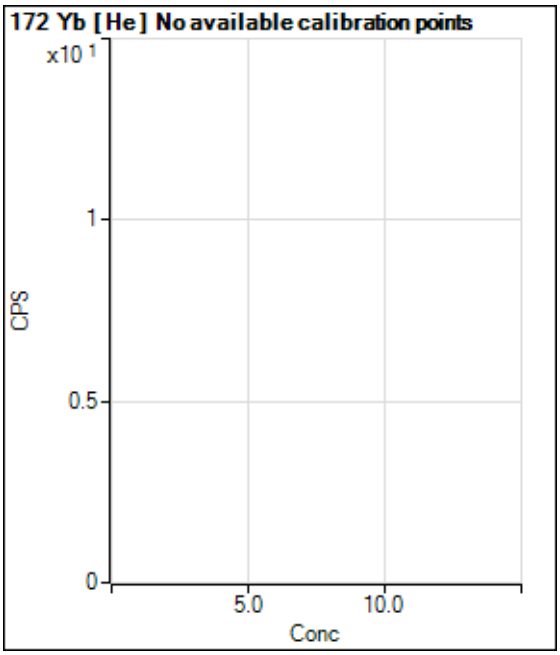

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 45.56 | | P | 22.4 |
| 2 | ☐ | | | 38.89 | | P | 47.2 |
| 3 | ☐ | | | 54.44 | | P | 21.5 |
| 4 | ☐ | | | 70.00 | | P | 17.2 |
| 5 | ☐ | | | 82.22 | | P | 14.2 |
| 6 | ☐ | | | 82.22 | | P | 18.7 |
| 7 | ☐ | | | 161.11 | | P | 19.2 |
| 8 | ☐ | | | 165.56 | | P | 12.1 |



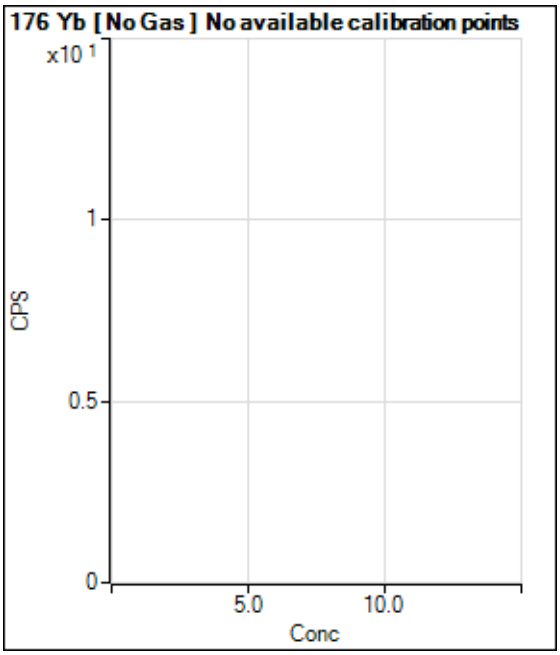

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 14.44 | | P | 35.3 |
| 2 | ☐ | | | 16.67 | | P | 52.9 |
| 3 | ☐ | | | 20.00 | | P | 33.4 |
| 4 | ☐ | | | 23.33 | | P | 37.8 |
| 5 | ☐ | | | 24.44 | | P | 31.5 |
| 6 | ☐ | | | 45.56 | | P | 21.1 |
| 7 | ☐ | | | 65.56 | | P | 21.2 |
| 8 | ☐ | | | 98.89 | | P | 17.3 |



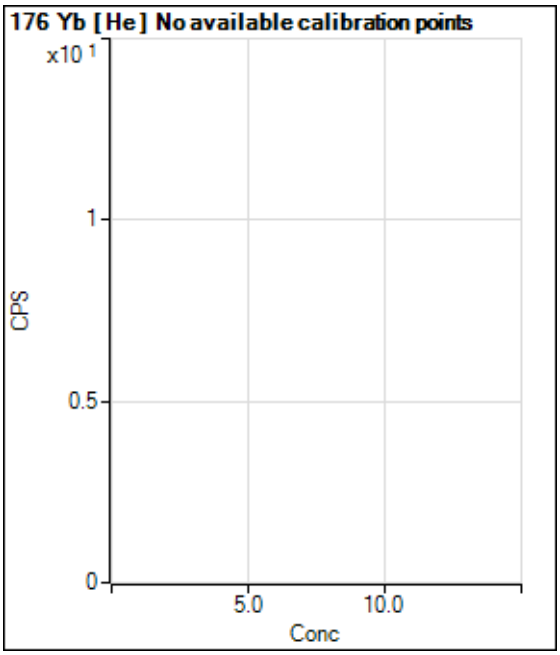

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 24.45 | | P | 43.8 |
| 2 | ☐ | | | 42.22 | | P | 32.9 |
| 3 | ☐ | | | 61.11 | | P | 11.4 |
| 4 | ☐ | | | 61.11 | | P | 8.3 |
| 5 | ☐ | | | 82.22 | | P | 20.4 |
| 6 | ☐ | | | 108.89 | | P | 24.6 |
| 7 | ☐ | | | 163.34 | | P | 9.4 |
| 8 | ☐ | | | 146.67 | | P | 13.6 |



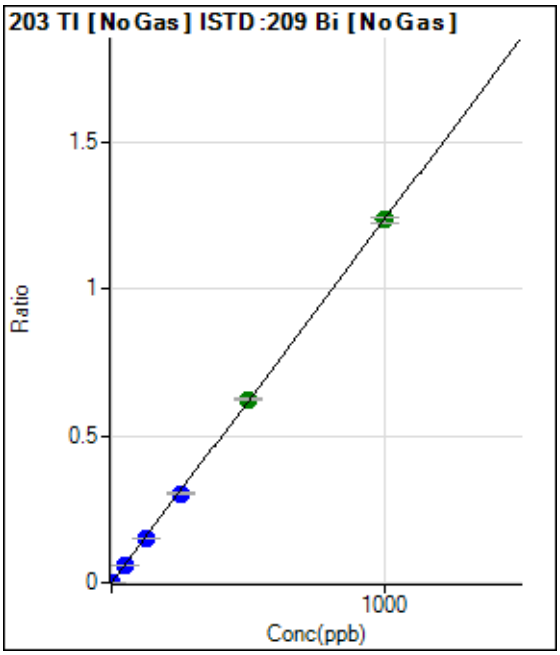

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 22.22 | | P | 22.9 |
| 2 | ☐ | | | 18.89 | | P | 20.4 |
| 3 | ☐ | | | 20.00 | | P | 33.4 |
| 4 | ☐ | | | 22.22 | | P | 45.8 |
| 5 | ☐ | | | 41.11 | | P | 16.9 |
| 6 | ☐ | | | 50.00 | | P | 17.6 |
| 7 | ☐ | | | 52.22 | | P | 38.5 |
| 8 | ☐ | | | 57.78 | | P | 17.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 822.25 | | P | 2.8 |
| 2 | ☐ | | | 785.59 | | P | 9.8 |
| 3 | ☐ | | | 1942.39 | | P | 4.1 |
| 4 | ☐ | | | 3657.21 | | P | 2.1 |
| 5 | ☐ | | | 6245.97 | | P | 4.3 |
| 6 | ☐ | | | 11717.52 | | P | 1.2 |
| 7 | ☐ | | | 22656.17 | | P | 1.1 |
| 8 | ☐ | | | 752.25 | | P | 10.1 |



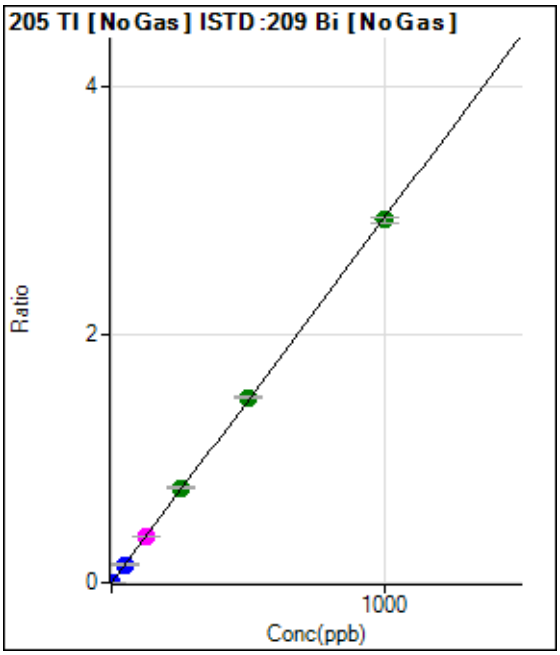

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7415.51 | | P | 1.9 |
| 2 | ☐ | | | 7653.41 | | P | 7.1 |
| 3 | ☐ | | | 7825.73 | | P | 2.3 |
| 4 | ☐ | | | 7780.16 | | P | 9.5 |
| 5 | ☐ | | | 9000.93 | | P | 4.6 |
| 6 | ☐ | | | 11233.79 | | P | 1.6 |
| 7 | ☐ | | | 15246.71 | | P | 1.5 |
| 8 | ☐ | | | 7257.63 | | P | 7.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 236.67 | 0.0001 | P | 8.4 |
| 2 | ☐ | 1.000 | 0.921 | 5432.32 | 0.0012 | P | 2.7 |
| 3 | ☐ | 50.000 | 48.511 | 275304.83 | 0.0600 | P | 1.4 |
| 4 | ☐ | 125.000 | 122.170 | 672236.72 | 0.1511 | P | 2.2 |
| 5 | ☐ | 250.000 | 246.113 | 1331073.22 | 0.3044 | P | 3.1 |
| 6 | ☐ | 500.000 | 504.932 | 2656324.47 | 0.6245 | A | 0.5 |
| 7 | ☐ | 1000.000 | 998.934 | 5189268.47 | 1.2355 | A | 1.3 |
| 8 | ☐ | | | 2070.19 | 0.0005 | P | 8.9 |

y = 0.0012 * x + 5.1565E-005
R = 1.0000
DL = 0.01055
BEC = 0.04169

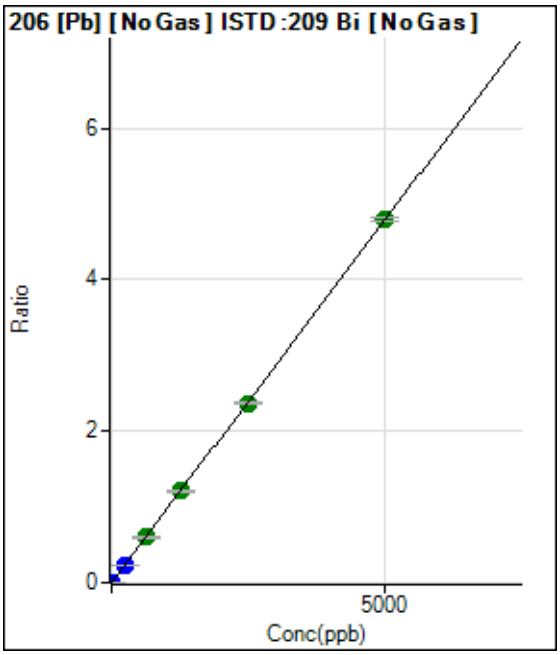
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 503.35 | 0.0001 | P | 11.2 |
| 2 | ☐ | 1.000 | 0.962 | 13389.23 | 0.0029 | P | 2.1 |
| 3 | ☐ | 50.000 | 49.726 | 669922.24 | 0.1461 | P | 1.6 |
| 4 | ☐ | 125.000 | 126.082 | 1647229.49 | 0.3704 | M | 2.0 |
| 5 | ☐ | 250.000 | 258.941 | 3325576.23 | 0.7605 | A | 2.6 |
| 6 | ☐ | 500.000 | 506.986 | 6332640.39 | 1.4889 | A | 0.9 |
| 7 | ☐ | 1000.000 | 994.150 | 12262021.49 | 2.9195 | A | 1.6 |
| 8 | ☐ | | | 4874.30 | 0.0013 | P | 4.8 |

y = 0.0029 * x + 1.0947E-004
R = 0.9999
DL = 0.01249
BEC = 0.03728

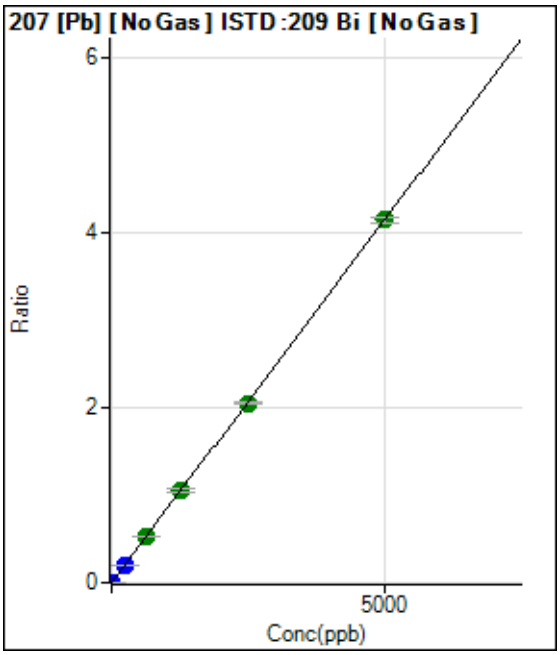
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 258.89 | 0.0001 | P | 16.8 |
| 2 | ☐ | 1.000 | 0.977 | 4520.84 | 0.0010 | P | 5.6 |
| 3 | ☐ | 250.000 | 245.012 | 1074784.02 | 0.2344 | P | 0.4 |
| 4 | ☐ | 625.000 | 629.185 | 2677080.81 | 0.6019 | A | 1.7 |
| 5 | ☐ | 1250.000 | 1268.145 | 5305746.83 | 1.2131 | A | 1.4 |
| 6 | ☐ | 2500.000 | 2472.159 | 10057686.17 | 2.3647 | A | 1.1 |
| 7 | ☐ | 5000.000 | 5009.110 | 20125012.06 | 4.7914 | A | 1.0 |
| 8 | ☐ | | | 10486.55 | 0.0027 | P | 4.0 |

y = 9.5652E-004 * x + 5.6280E-005
R = 1.0000
DL = 0.02968
BEC = 0.05884

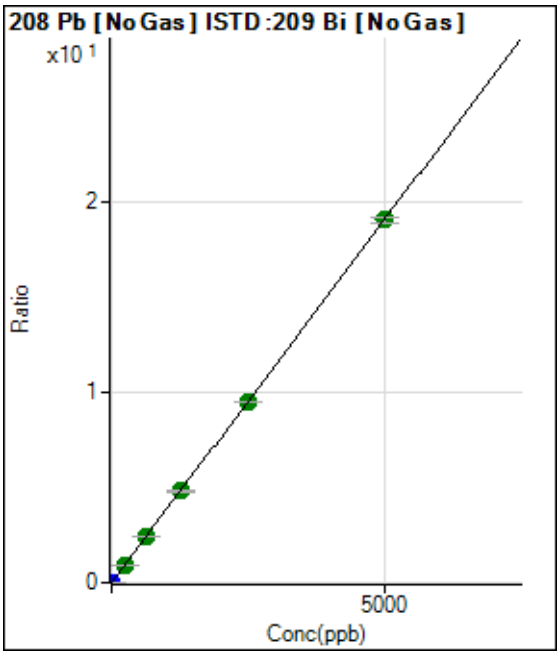
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 231.11 | 0.0001 | P | 17.9 |
| 2 | ☐ | 1.000 | 1.001 | 4020.67 | 0.0009 | P | 2.1 |
| 3 | ☐ | 250.000 | 245.753 | 935633.75 | 0.2041 | P | 1.3 |
| 4 | ☐ | 625.000 | 639.841 | 2363424.13 | 0.5313 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1273.854 | 4625083.89 | 1.0577 | A | 2.3 |
| 6 | ☐ | 2500.000 | 2479.012 | 8754760.15 | 2.0583 | A | 1.5 |
| 7 | ☐ | 5000.000 | 5002.888 | 17446736.96 | 4.1537 | A | 1.9 |
| 8 | ☐ | | | 8859.77 | 0.0023 | P | 2.1 |

y = 8.3026E-004 * x + 5.0268E-005
R = 1.0000
DL = 0.03249
BEC = 0.06054

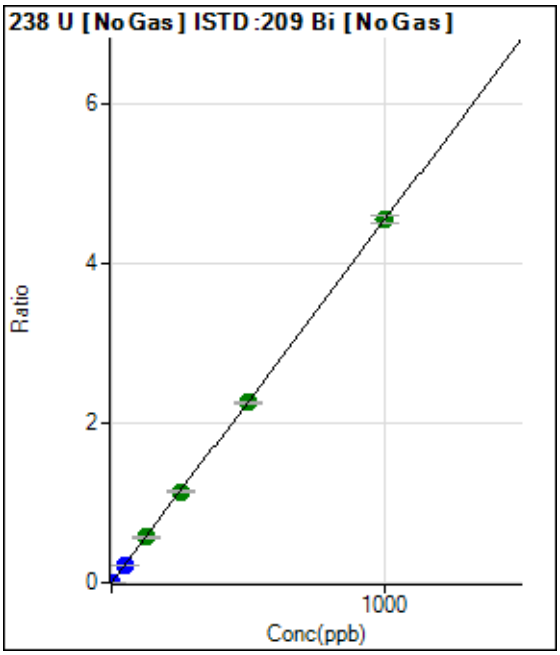
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1022.25 | 0.0002 | P | 4.8 |
| 2 | ☐ | 1.000 | 1.003 | 18486.53 | 0.0041 | P | 2.1 |
| 3 | ☐ | 250.000 | 249.812 | 4372005.71 | 0.9536 | A | 1.0 |
| 4 | ☐ | 625.000 | 637.094 | 10816584.99 | 2.4315 | A | 0.5 |
| 5 | ☐ | 1250.000 | 1265.015 | 21112616.67 | 4.8278 | A | 2.0 |
| 6 | ☐ | 2500.000 | 2494.218 | 40486251.83 | 9.5188 | A | 0.6 |
| 7 | ☐ | 5000.000 | 4997.635 | 80108220.05 | 19.0724 | A | 1.6 |
| 8 | ☐ | | | 41453.12 | 0.0108 | P | 3.5 |

y = 0.0038 * x + 2.2246E-004
R = 1.0000
DL = 0.008388
BEC = 0.05829

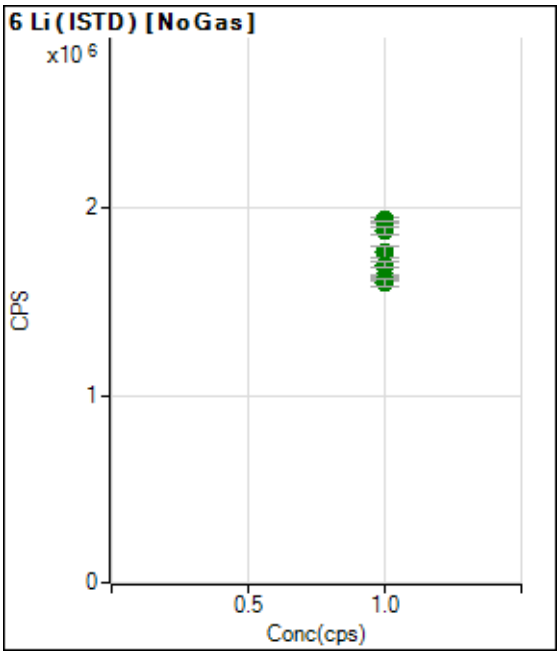
Weight: <None>
Min Conc: 0



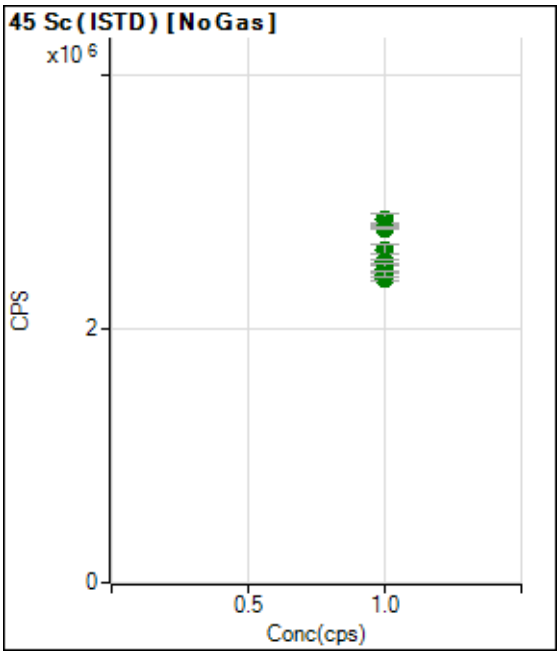

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 24.44 | 0.0000 | P | 19.8 |
| 2 | ☐ | 1.000 | 0.910 | 18854.13 | 0.0041 | P | 1.8 |
| 3 | ☐ | 50.000 | 47.411 | 985761.46 | 0.2150 | P | 1.1 |
| 4 | ☐ | 125.000 | 124.754 | 2517183.31 | 0.5658 | A | 0.7 |
| 5 | ☐ | 250.000 | 250.715 | 4971828.36 | 1.1370 | A | 2.7 |
| 6 | ☐ | 500.000 | 497.683 | 9599640.48 | 2.2570 | A | 1.5 |
| 7 | ☐ | 1000.000 | 1001.140 | 19068836.66 | 4.5403 | A | 2.1 |
| 8 | ☐ | | | 5261.15 | 0.0014 | P | 8.1 |

y = 0.0045 * x + 5.3151E-006
R = 1.0000
DL = 0.0006947
BEC = 0.001172

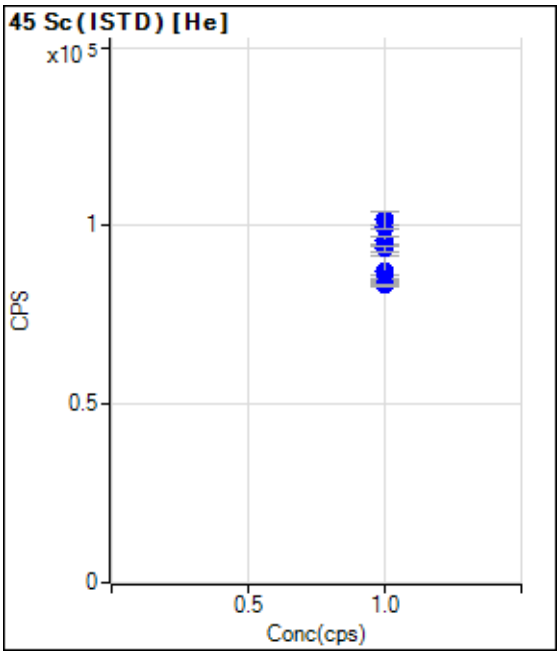
Weight: <None>
Min Conc: 0



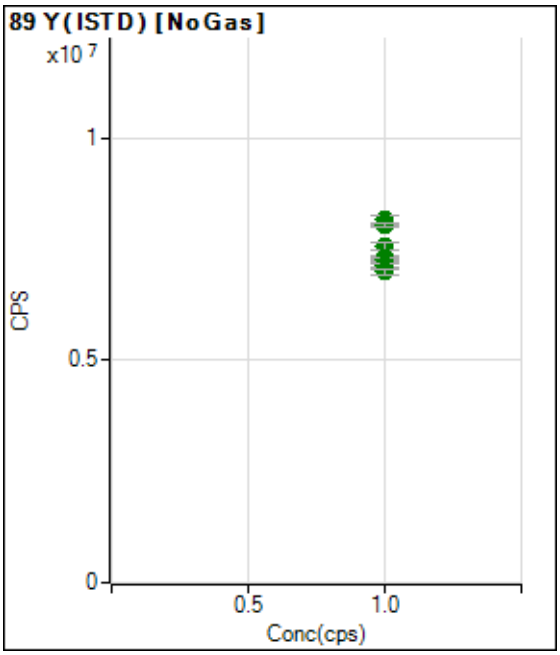

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1935193.70 | | A | 1.8 |
| 2 | ☐ | 1.000 | | 1925779.27 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 1882070.06 | | A | 2.2 |
| 4 | ☐ | 1.000 | | 1764457.18 | | A | 3.3 |
| 5 | ☐ | 1.000 | | 1696785.79 | | A | 2.1 |
| 6 | ☐ | 1.000 | | 1635475.35 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 1612612.18 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 1602401.29 | | A | 2.6 |



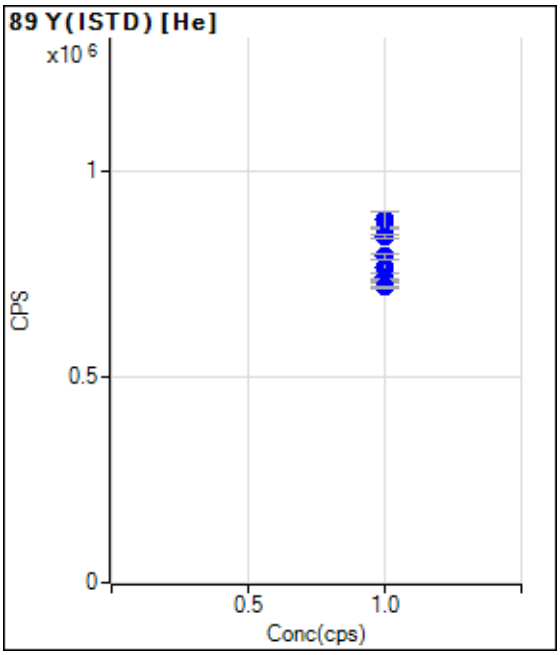

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2861612.11 | | A | 3.8 |
| 2 | ☐ | 1.000 | | 2827474.96 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 2794643.08 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 2630764.46 | | A | 2.6 |
| 5 | ☐ | 1.000 | | 2525775.43 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 2477388.47 | | A | 2.7 |
| 7 | ☐ | 1.000 | | 2397006.96 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 2433202.52 | | A | 2.1 |



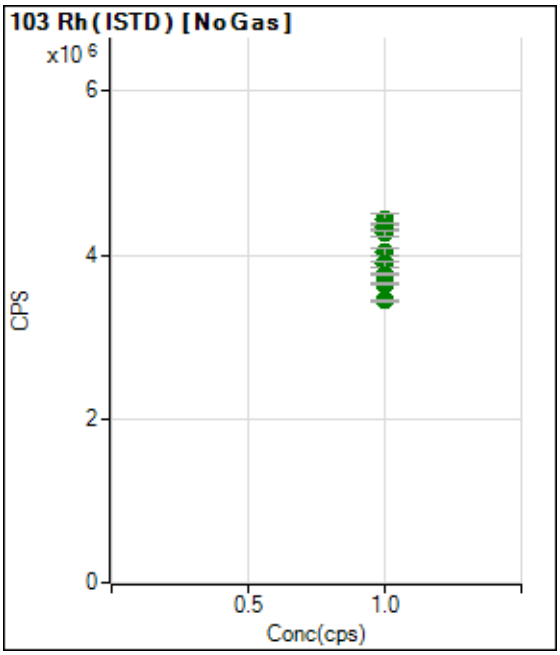

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 99846.47 | | P | 1.1 |
| 2 | ☐ | 1.000 | | 101693.86 | | P | 4.8 |
| 3 | ☐ | 1.000 | | 95999.22 | | P | 2.1 |
| 4 | ☐ | 1.000 | | 87490.78 | | P | 9.9 |
| 5 | ☐ | 1.000 | | 85261.11 | | P | 2.4 |
| 6 | ☐ | 1.000 | | 84905.64 | | P | 0.9 |
| 7 | ☐ | 1.000 | | 83472.80 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 93602.35 | | P | 1.7 |



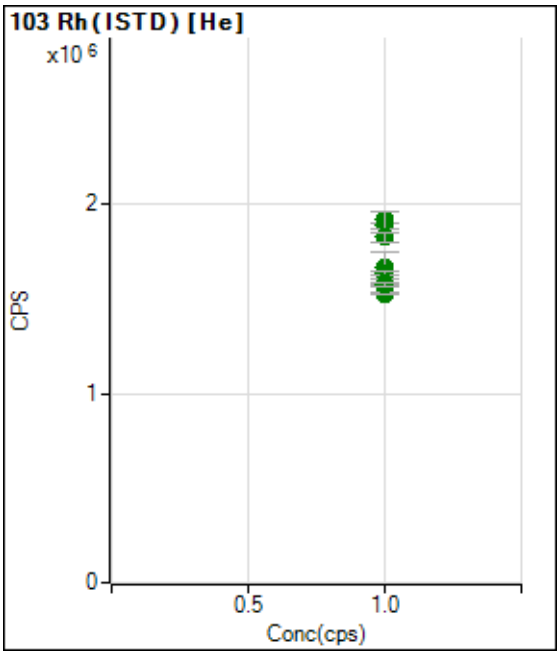

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8153800.02 | | A | 2.4 |
| 2 | ☐ | 1.000 | | 8077058.21 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 8040518.49 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 7557496.97 | | A | 2.5 |
| 5 | ☐ | 1.000 | | 7300737.25 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 7258715.10 | | A | 1.4 |
| 7 | ☐ | 1.000 | | 7125691.63 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 6980387.74 | | A | 1.4 |



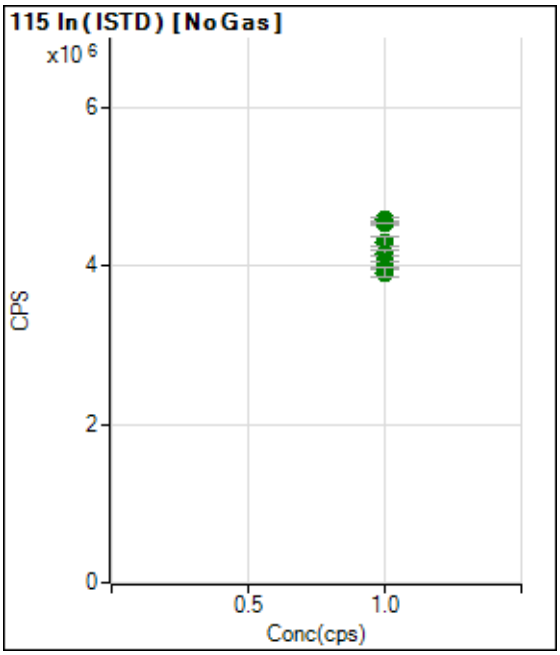

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 859691.34 | | P | 0.4 |
| 2 | ☐ | 1.000 | | 879581.36 | | P | 4.5 |
| 3 | ☐ | 1.000 | | 837192.97 | | P | 1.1 |
| 4 | ☐ | 1.000 | | 762891.72 | | P | 9.2 |
| 5 | ☐ | 1.000 | | 741712.10 | | P | 2.0 |
| 6 | ☐ | 1.000 | | 735318.15 | | P | 0.9 |
| 7 | ☐ | 1.000 | | 717142.90 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 791301.26 | | P | 2.0 |



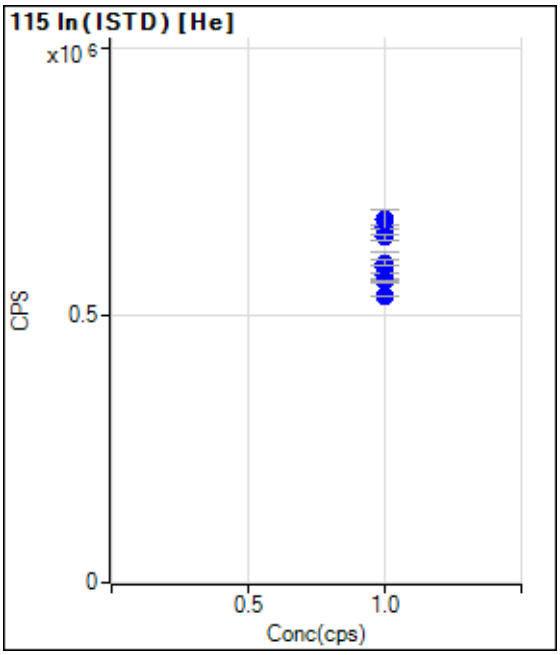

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4429452.57 | | A | 3.0 |
| 2 | ☐ | 1.000 | | 4350551.60 | | A | 1.6 |
| 3 | ☐ | 1.000 | | 4266222.64 | | A | 1.4 |
| 4 | ☐ | 1.000 | | 4046464.42 | | A | 2.4 |
| 5 | ☐ | 1.000 | | 3895533.17 | | A | 1.8 |
| 6 | ☐ | 1.000 | | 3767692.79 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 3650714.32 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 3443092.55 | | A | 0.7 |



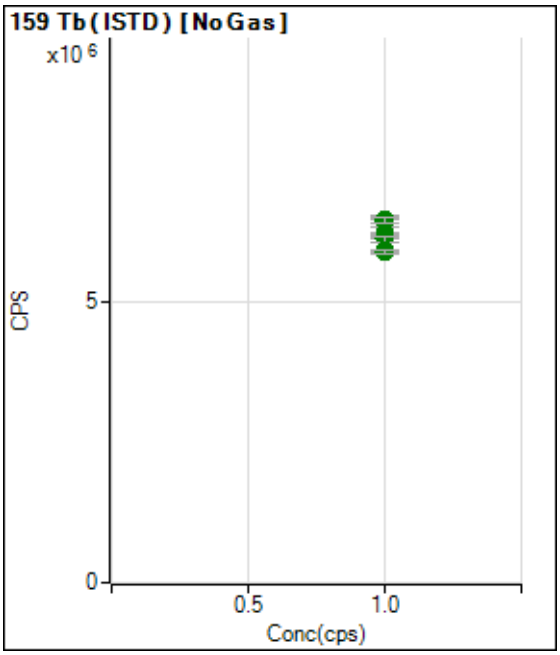

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1885513.01 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 1916496.69 | | A | 4.4 |
| 3 | ☐ | 1.000 | | 1825353.38 | | A | 2.6 |
| 4 | ☐ | 1.000 | | 1668189.30 | | A | 9.6 |
| 5 | ☐ | 1.000 | | 1637653.29 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 1588475.74 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 1528219.75 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 1574962.84 | | A | 1.8 |



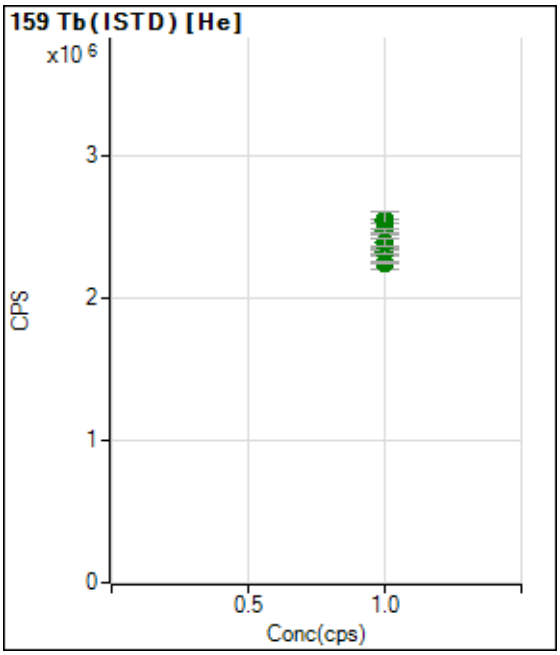

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4566210.03 | | A | 2.5 |
| 2 | ☐ | 1.000 | | 4583530.60 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 4540002.35 | | A | 0.2 |
| 4 | ☐ | 1.000 | | 4311376.07 | | A | 2.7 |
| 5 | ☐ | 1.000 | | 4165449.05 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 4059230.70 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 3968273.92 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 3919522.18 | | A | 3.4 |



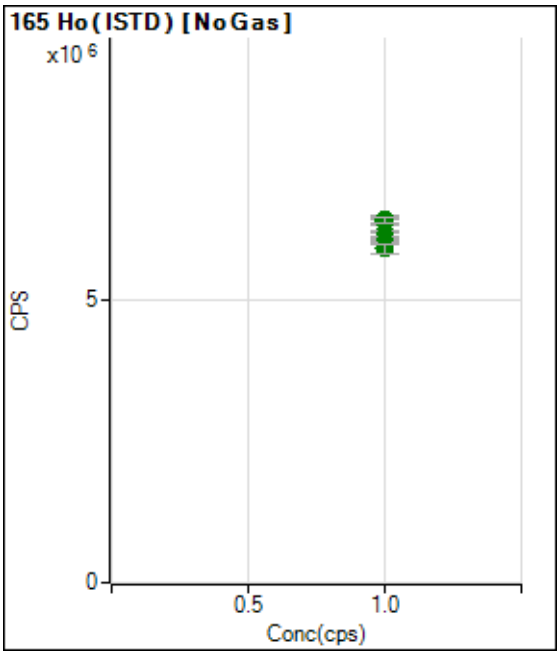

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 665461.39 | | P | 0.9 |
| 2 | ☐ | 1.000 | | 677807.19 | | P | 5.1 |
| 3 | ☐ | 1.000 | | 645342.74 | | P | 1.4 |
| 4 | ☐ | 1.000 | | 589965.06 | | P | 9.7 |
| 5 | ☐ | 1.000 | | 574162.20 | | P | 2.0 |
| 6 | ☐ | 1.000 | | 562528.77 | | P | 0.8 |
| 7 | ☐ | 1.000 | | 534457.83 | | P | 0.2 |
| 8 | ☐ | 1.000 | | 596711.22 | | P | 1.8 |



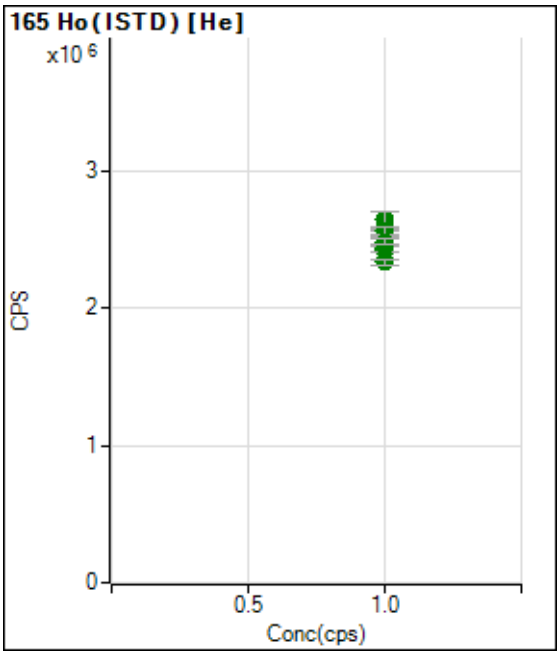

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6428400.60 | | A | 3.2 |
| 2 | ☐ | 1.000 | | 6395127.61 | | A | 2.1 |
| 3 | ☐ | 1.000 | | 6442828.24 | | A | 1.8 |
| 4 | ☐ | 1.000 | | 6209046.16 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6136002.48 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 6105364.70 | | A | 1.5 |
| 7 | ☐ | 1.000 | | 5895916.65 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 5866022.14 | | A | 1.3 |



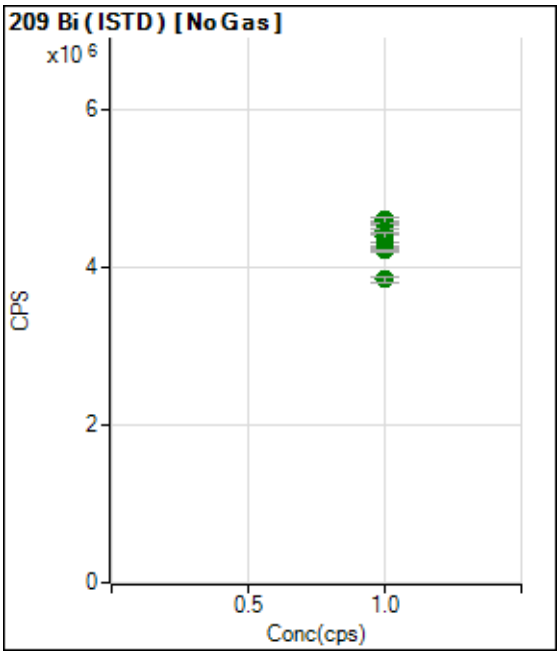

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2541349.63 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 2552408.28 | | A | 4.8 |
| 3 | ☐ | 1.000 | | 2477789.50 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 2326570.14 | | A | 10.0 |
| 5 | ☐ | 1.000 | | 2326181.35 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 2326028.79 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 2251277.64 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 2394648.87 | | A | 2.0 |



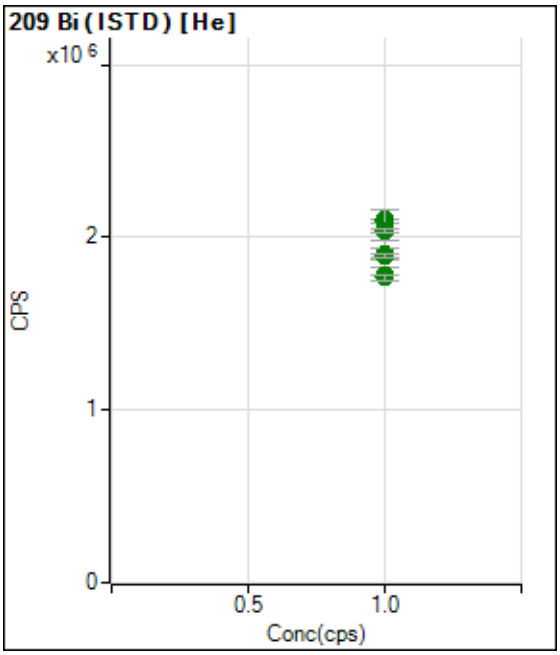

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6422969.00 | | A | 2.1 |
| 2 | ☐ | 1.000 | | 6398554.42 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 6428662.47 | | A | 1.8 |
| 4 | ☐ | 1.000 | | 6215015.74 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 6094167.00 | | A | 1.4 |
| 6 | ☐ | 1.000 | | 6120369.35 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 6018792.48 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 5912036.71 | | A | 3.1 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2579781.79 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 2647110.83 | | A | 4.6 |
| 3 | ☐ | 1.000 | | 2560675.95 | | A | 2.3 |
| 4 | ☐ | 1.000 | | 2424666.37 | | A | 9.0 |
| 5 | ☐ | 1.000 | | 2445042.60 | | A | 2.5 |
| 6 | ☐ | 1.000 | | 2455135.57 | | A | 0.4 |
| 7 | ☐ | 1.000 | | 2339555.55 | | A | 1.7 |
| 8 | ☐ | 1.000 | | 2488070.24 | | A | 1.9 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4593322.26 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 4563099.72 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 4584957.16 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 4448685.59 | | A | 1.7 |
| 5 | ☐ | 1.000 | | 4374598.51 | | A | 2.6 |
| 6 | ☐ | 1.000 | | 4253317.64 | | A | 0.3 |
| 7 | ☐ | 1.000 | | 4200540.77 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 3838255.29 | | A | 1.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2092608.68 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 2102001.63 | | A | 5.4 |
| 3 | ☐ | 1.000 | | 2040778.89 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 1906406.17 | | A | 8.6 |
| 5 | ☐ | 1.000 | | 1907959.97 | | A | 3.3 |
| 6 | ☐ | 1.000 | | 1894422.84 | | A | 1.4 |
| 7 | ☐ | 1.000 | | 1782590.16 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 1767229.42 | | A | 1.6 |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P8022024 MS.b |
| **Acq. Date-Time** | 2024-02-20 13:21:30 |
| **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 | | 7536 | 75359.06 | | | 0.419 | 5.000 |
| 24 | | 71738 | 717382.56 | | | 0.750 | 5.000 |
| 25 | | 9487 | 94868.96 | | | 0.562 | 5.000 |
| 26 | | 11338 | 113383.86 | | | 0.749 | 5.000 |
| 59 | | 55210 | 552101.72 | | | 0.434 | 5.000 |
| 113 | | 6577 | 65770.54 | | | 0.797 | 5.000 |
| 115 | | 81968 | 819683.93 | | | 1.304 | 5.000 |
| 206 | | 23785 | 237853.11 | | | 1.327 | 5.000 |
| 207 | | 21687 | 216865.07 | | | 1.240 | 5.000 |
| 208 | | 51567 | 515672.83 | | | 1.173 | 5.000 |
| 220 | | 0 | 1.80 | | | 66.898 | |

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

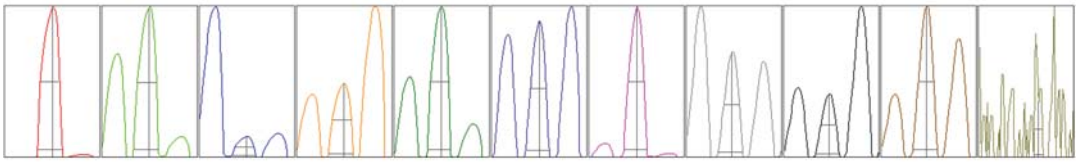
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7482 | 7544 | 7537 | 7559 | 7558 |
| 24 | 72400 | 71501 | 72102 | 71011 | 71678 |
| 25 | 9509 | 9564 | 9469 | 9420 | 9472 |
| 26 | 11357 | 11449 | 11379 | 11252 | 11254 |
| 59 | 54860 | 55152 | 55464 | 55170 | 55405 |
| 113 | 6529 | 6584 | 6545 | 6564 | 6663 |
| 115 | 81245 | 82897 | 82114 | 80547 | 83039 |
| 206 | 23483 | 23666 | 23584 | 23924 | 24269 |
| 207 | 21382 | 21491 | 21649 | 21875 | 22035 |
| 208 | 51024 | 51186 | 51300 | 51814 | 52512 |

# 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 | 0 | 0 |

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 13328.85 | 9.05 | 8.90 - 9.10 | |
| 24 | 125313.57 | 24.00 | 23.90 - 24.10 | |
| 25 | 16939.13 | 25.00 | 24.90 - 25.10 | |
| 26 | 19892.47 | 26.00 | 25.90 - 26.10 | |
| 59 | 103221.77 | 59.00 | 58.90 - 59.10 | |
| 113 | 13780.06 | 113.05 | 112.90 - 113.10 | |
| 115 | 170715.28 | 115.05 | 114.90 - 115.10 | |
| 206 | 48957.49 | 205.95 | 205.90 - 206.10 | |
| 207 | 44733.37 | 206.95 | 206.90 - 207.10 | |
| 208 | 106299.53 | 207.95 | 207.90 - 208.10 | |
| 220 | 0.20 | 220.40 | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.60 | 0.782 | 0.900 | |
| 24 | 0.60 | 0.786 | 0.900 | |
| 25 | 0.59 | 0.772 | 0.900 | |
| 26 | 0.60 | 0.785 | 0.900 | |
| 59 | 0.56 | 0.735 | 0.900 | |
| 113 | 0.49 | 0.750 | 0.900 | |
| 115 | 0.50 | 0.733 | 0.900 | |
| 206 | 0.48 | 0.775 | 0.900 | |
| 207 | 0.48 | 0.737 | 0.900 | |
| 208 | 0.48 | 0.775 | 0.900 | |
| 220 | 0.27 | 0.297 | | |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

Plasma Mode --- Nebulizer Gas 0.85 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 10.5 V | Deflect | 14.2 V |
| Extract 2 | -205.0 V | Cell Entrance | -30 V | Plate Bias | -50 V |
| Omega Bias | -110 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 | 150 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 124 | Axis Gain | 0.9990 | QP Bias | -4.0 V |
| Mass Offset | 125 | Axis Offset | 0.03 | | |

**Hardware Settings**

**Torch**

| | | | |
|---|---|---|---|
| Torch H | 1.4 mm | Torch V | -0.8 mm |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.3 mV | Analog HV | 2316 V | Pulse HV | 1698 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 12695 | 126952.93 | | | 1.404 | |
| 89 | | 9488 | 94884.19 | | | 1.573 | |
| 205 | | 16448 | 164482.85 | | | 2.510 | |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 12991 | 12674 | 12701 | 12547 | 12563 |
| 89 | 9744 | 9454 | 9456 | 9440 | 9349 |
| 205 | 17161 | 16418 | 16332 | 16162 | 16169 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.85 L/min | Dilution Gas | 0.40 L/min |
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 10.5 V | Deflect | 3.4 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -205.0 V | Cell Entrance | -50 V | Plate Bias | -60 V |
| Omega Bias | -110 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 | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 124 | Axis Gain | 0.9990 | QP Bias | -13.0 V |
| Mass Offset | 125 | Axis Offset | 0.03 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 1.4 mm | Torch V | -0.8 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.3 mV | Analog HV | 2316 V | Pulse HV | 1698 V |