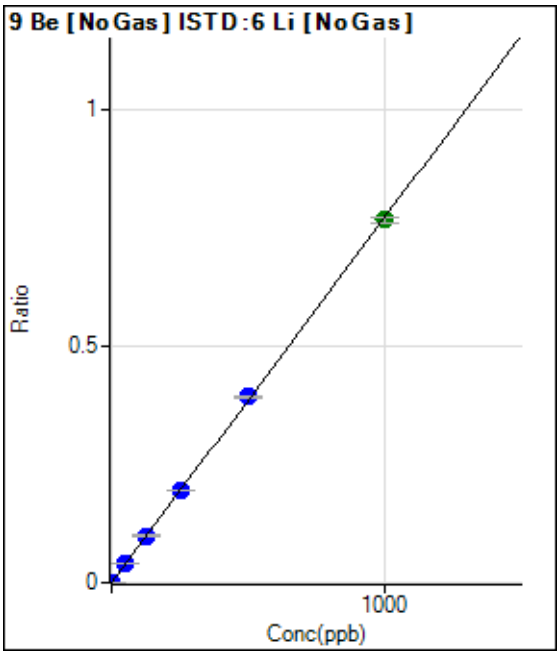
Batch Folder: D:\Agilent\ICPMH\1\DATA\P7051522MS1.b\
Analysis File: P7051522MS1.batch.bin
DA Date-Time: 2022-05-16 14:45:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

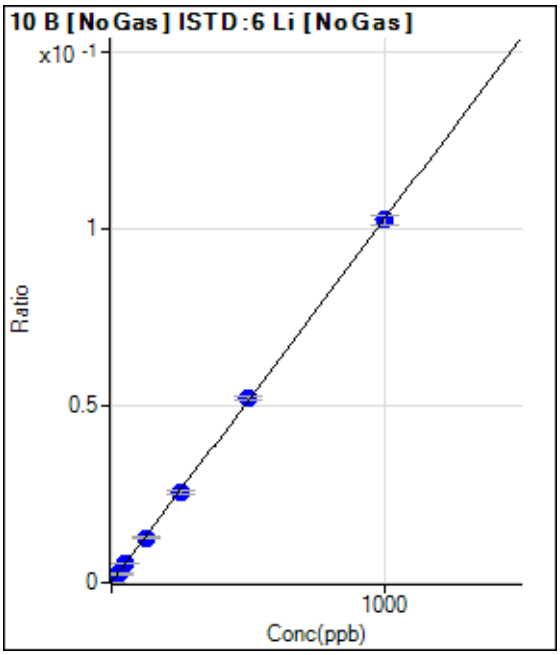
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 003CALB.d | S00 | 2022-05-15 15:53:30 |
| 2 | 004CALS.d | S02 | 2022-05-15 15:56:24 |
| 3 | 006CALS.d | S03 | 2022-05-15 16:02:10 |
| 4 | 007CALS.d | S04 | 2022-05-15 16:04:54 |
| 5 | 008CALS.d | S05 | 2022-05-15 16:07:41 |
| 6 | 009CALS.d | S06 | 2022-05-15 16:10:25 |
| 7 | 010CALS.d | S07 | 2022-05-15 16:13:12 |
| 8 | 011CALS.d | S08 | 2022-05-15 16:15:57 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 81.11 | 0.0000 | P | 36.2 |
| 2 | ☐ | 1.000 | 1.126 | 2565.79 | 0.0009 | P | 4.0 |
| 3 | ☐ | 50.000 | 52.788 | 116381.23 | 0.0408 | P | 1.4 |
| 4 | ☐ | 125.000 | 128.988 | 282855.53 | 0.0996 | P | 0.5 |
| 5 | ☐ | 250.000 | 254.100 | 539519.82 | 0.1962 | P | 1.0 |
| 6 | ☐ | 500.000 | 508.497 | 1024419.32 | 0.3926 | P | 1.1 |
| 7 | ☐ | 1000.000 | 994.088 | 1979606.73 | 0.7674 | A | 1.7 |
| 8 | ☐ | | | 387.79 | 0.0002 | P | 28.1 |

y = 7.7194E-004 * x + 2.8627E-005
R = 0.9999
DL = 0.04024
BEC = 0.03708

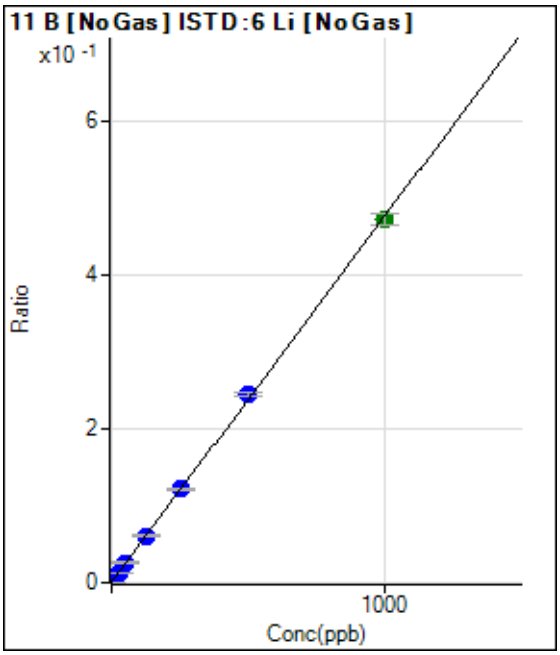
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 383.35 | 0.0001 | P | 20.6 |
| 2 | ☐ | 25.000 | 22.840 | 7082.35 | 0.0025 | P | 6.3 |
| 3 | ☐ | 50.000 | 51.712 | 15513.72 | 0.0054 | P | 6.8 |
| 4 | ☐ | 125.000 | 123.123 | 36234.54 | 0.0128 | P | 4.6 |
| 5 | ☐ | 250.000 | 247.862 | 70245.66 | 0.0255 | P | 4.1 |
| 6 | ☐ | 500.000 | 505.749 | 135674.44 | 0.0520 | P | 2.2 |
| 7 | ☐ | 1000.000 | 997.863 | 264233.27 | 0.1024 | P | 2.6 |
| 8 | ☐ | | | 10517.71 | 0.0042 | P | 12.9 |

y = 1.0251E-004 * x + 1.3586E-004
R = 1.0000
DL = 0.8195
BEC = 1.325

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1769.60 | 0.0006 | P | 1.0 |
| 2 | ☐ | 25.000 | 23.212 | 33316.97 | 0.0117 | P | 5.1 |
| 3 | ☐ | 50.000 | 53.113 | 73809.56 | 0.0259 | P | 4.3 |
| 4 | ☐ | 125.000 | 125.758 | 171522.07 | 0.0604 | P | 3.3 |
| 5 | ☐ | 250.000 | 254.386 | 334160.82 | 0.1215 | P | 3.1 |
| 6 | ☐ | 500.000 | 515.640 | 641174.04 | 0.2457 | P | 2.0 |
| 7 | ☐ | 1000.000 | 990.878 | 1216343.04 | 0.4715 | A | 3.3 |
| 8 | ☐ | | | 50193.54 | 0.0199 | P | 12.6 |

y = 4.7521E-004 * x + 6.2585E-004

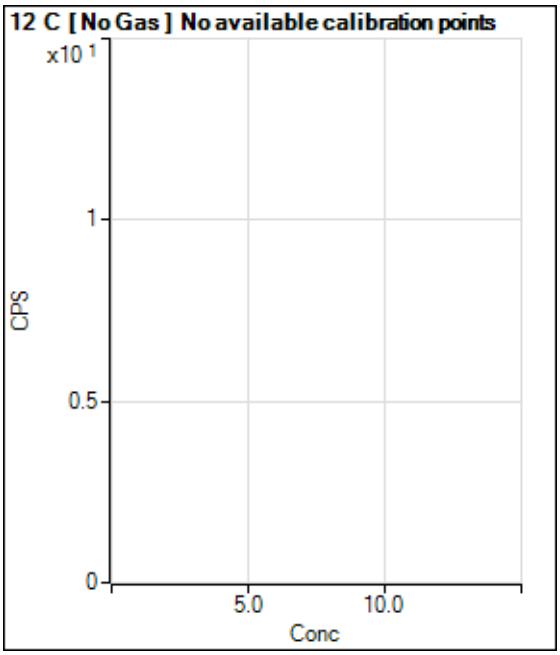
R = 0.9998

DL = 0.03765

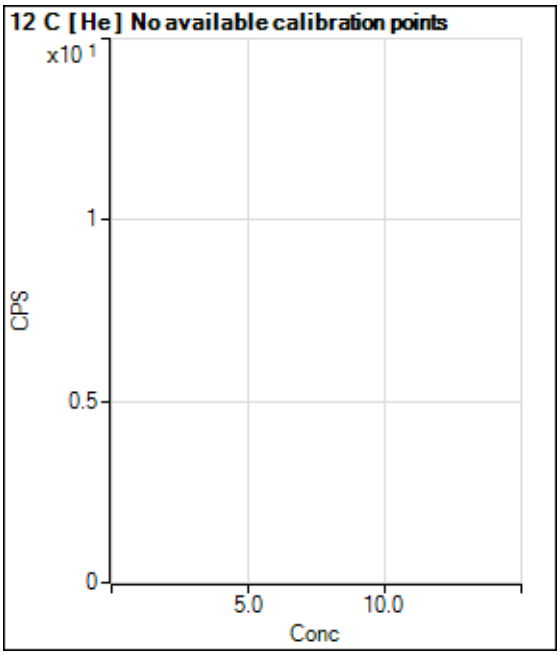
BEC = 1.317

Weight: <None>

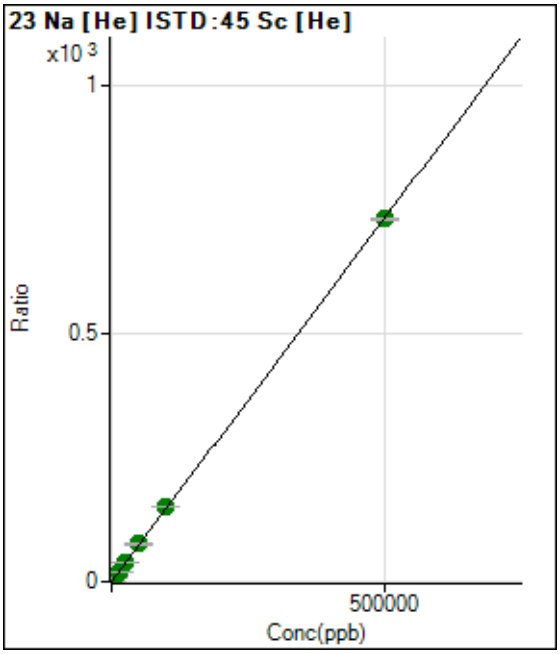
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |



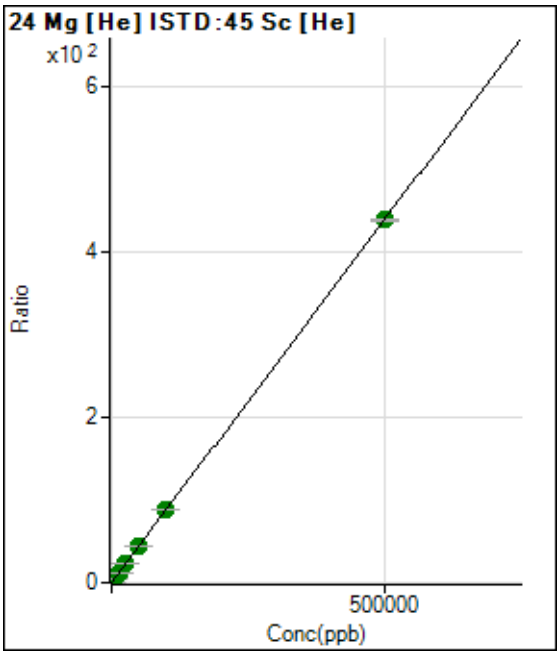

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11819.49 | 0.0221 | P | 2.8 |
| 2 | ☐ | 500.000 | 510.435 | 417398.37 | 0.7708 | P | 0.3 |
| 3 | ☐ | 5000.000 | 5163.589 | 4153833.89 | 7.5959 | A | 1.1 |
| 4 | ☐ | 12500.000 | 12989.916 | 10088712.15 | 19.0753 | A | 1.0 |
| 5 | ☐ | 25000.000 | 25923.640 | 19520037.24 | 38.0461 | A | 1.5 |
| 6 | ☐ | 50000.000 | 51731.875 | 37835308.25 | 75.9009 | A | 0.8 |
| 7 | ☐ | 100000.00 | 102499.33 | 73862987.76 | 150.3651 | A | 0.8 |
| 8 | ☐ | 500000.00 | 499266.86 | 370920641.62 | 732.3322 | A | 0.7 |

y = 0.0015 * x + 0.0221
R = 1.0000
DL = 1.268
BEC = 15.05

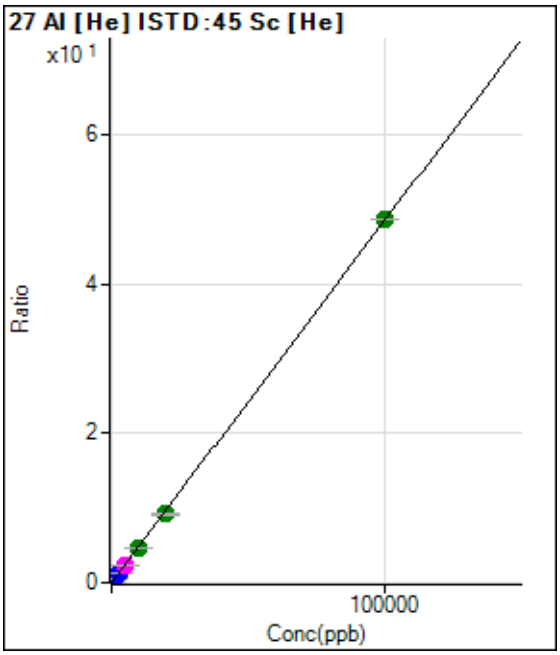
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 487.05 | 0.0009 | P | 3.8 |
| 2 | ☐ | 500.000 | 525.297 | 250311.66 | 0.4622 | P | 0.9 |
| 3 | ☐ | 5000.000 | 5188.411 | 2492147.25 | 4.5573 | A | 1.1 |
| 4 | ☐ | 12500.000 | 12794.942 | 5943278.20 | 11.2373 | A | 1.0 |
| 5 | ☐ | 25000.000 | 25485.272 | 11483118.43 | 22.3819 | A | 1.1 |
| 6 | ☐ | 50000.000 | 50699.663 | 22195314.85 | 44.5250 | A | 0.5 |
| 7 | ☐ | 100000.00 | 100096.91 | 43182038.00 | 87.9054 | A | 0.4 |
| 8 | ☐ | 500000.00 | 499877.10 | 222344867.93 | 438.9898 | A | 0.6 |

y = 8.7819E-004 * x + 9.0938E-004
R = 1.0000
DL = 0.1175
BEC = 1.036

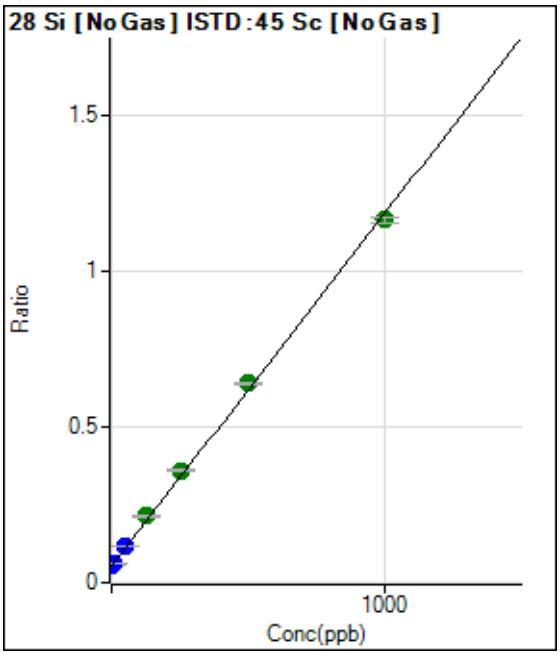
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 255.56 | 0.0005 | P | 6.5 |
| 2 | ☐ | 20.000 | 19.876 | 5473.27 | 0.0101 | P | 1.5 |
| 3 | ☐ | 1000.000 | 960.913 | 254863.23 | 0.4660 | P | 0.2 |
| 4 | ☐ | 2500.000 | 2413.232 | 618644.49 | 1.1697 | P | 0.1 |
| 5 | ☐ | 5000.000 | 4799.584 | 1193255.66 | 2.3258 | M | 1.6 |
| 6 | ☐ | 10000.000 | 9552.752 | 2307430.32 | 4.6287 | A | 1.3 |
| 7 | ☐ | 20000.000 | 18896.006 | 4497388.18 | 9.1555 | A | 1.4 |
| 8 | ☐ | 100000.00 | 100278.10 | 24607625.55 | 48.5845 | A | 0.1 |

y = 4.8449E-004 * x + 4.7727E-004
R = 0.9999
DL = 0.1916
BEC = 0.9851

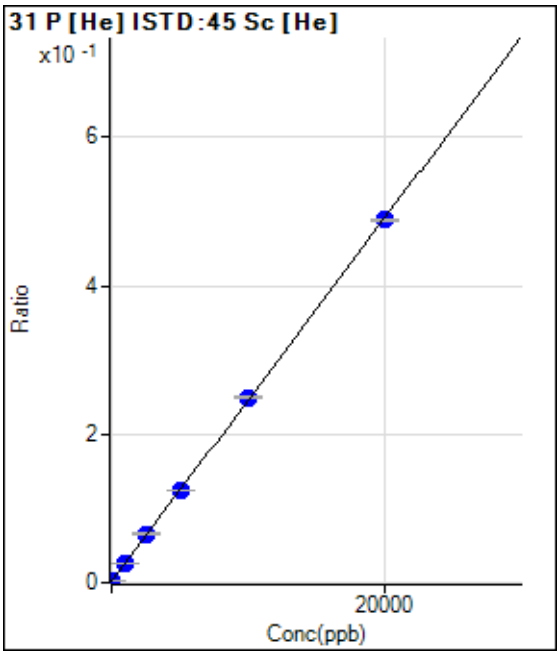
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 358888.75 | 0.0531 | P | 1.1 |
| 2 | ☐ | 10.000 | 9.445 | 432885.59 | 0.0638 | P | 1.2 |
| 3 | ☐ | 50.000 | 56.952 | 797223.37 | 0.1174 | P | 1.0 |
| 4 | ☐ | 125.000 | 142.459 | 1427787.88 | 0.2139 | A | 1.9 |
| 5 | ☐ | 250.000 | 269.992 | 2285416.59 | 0.3579 | A | 1.7 |
| 6 | ☐ | 500.000 | 519.774 | 3952620.36 | 0.6398 | A | 1.1 |
| 7 | ☐ | 1000.000 | 982.591 | 7082952.33 | 1.1622 | A | 1.5 |
| 8 | ☐ | | | 886056.86 | 0.1444 | P | 3.3 |

y = 0.0011 * x + 0.0531
R = 0.9994
DL = 1.559
BEC = 47.05

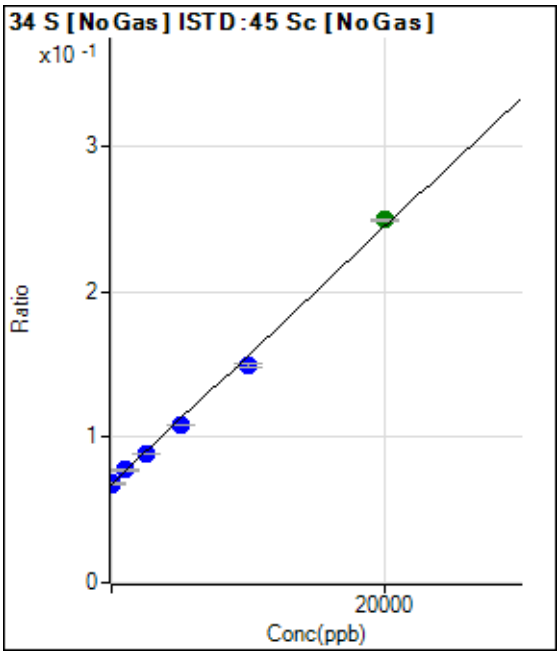
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -6.496 | 738.93 | 0.0014 | P | 2.8 |
| 2 | ☐ | 0.000 | 6.496 | 919.50 | 0.0017 | P | 6.0 |
| 3 | ☐ | 1000.000 | 1027.132 | 14582.28 | 0.0267 | P | 1.4 |
| 4 | ☐ | 2500.000 | 2596.824 | 34406.08 | 0.0651 | P | 3.8 |
| 5 | ☐ | 5000.000 | 5043.401 | 64081.77 | 0.1249 | P | 0.2 |
| 6 | ☐ | 10000.000 | 10117.681 | 124131.35 | 0.2490 | P | 0.9 |
| 7 | ☐ | 20000.000 | 19916.850 | 240069.58 | 0.4887 | P | 0.4 |
| 8 | ☐ | | | 819.49 | 0.0016 | P | 7.5 |

y = 2.4459E-005 * x + 0.0015
R = 1.0000
DL = 8.569
BEC = 62.92

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -22.002 | 458353.58 | 0.0678 | P | 1.4 |
| 2 | ☐ | 0.000 | 22.002 | 463073.66 | 0.0682 | P | 1.4 |
| 3 | ☐ | 1000.000 | 1087.521 | 527334.22 | 0.0777 | P | 1.2 |
| 4 | ☐ | 2500.000 | 2280.608 | 588865.60 | 0.0882 | P | 0.3 |
| 5 | ☐ | 5000.000 | 4538.119 | 691090.72 | 0.1082 | P | 0.1 |
| 6 | ☐ | 10000.000 | 9250.174 | 926155.24 | 0.1499 | P | 1.4 |
| 7 | ☐ | 20000.000 | 20513.431 | 1521556.31 | 0.2497 | A | 0.4 |
| 8 | ☐ | | | 355748.61 | 0.0580 | P | 0.7 |

y = 8.8545E-006 * x + 0.0680

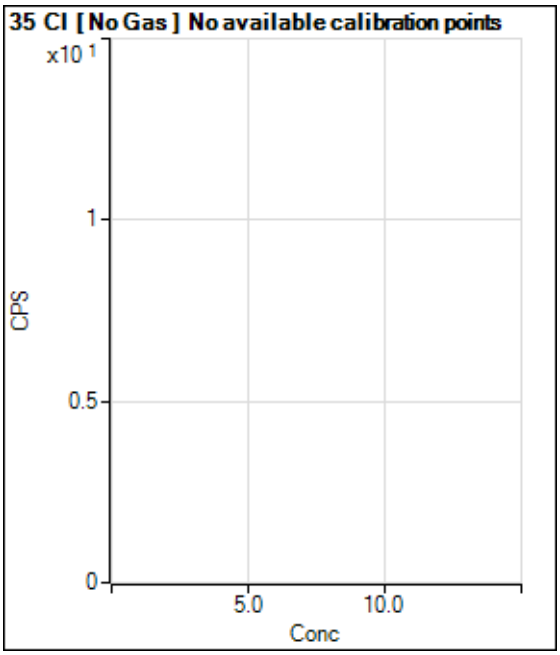
R = 0.9986

DL = 327.8

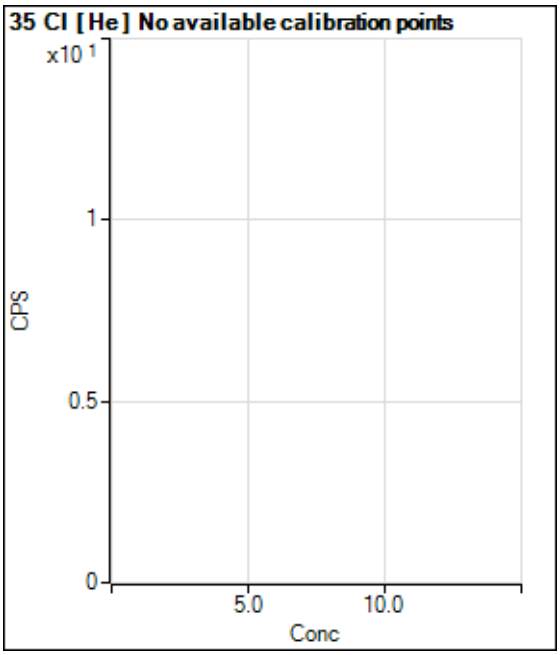
BEC = 7683

Weight: <None>

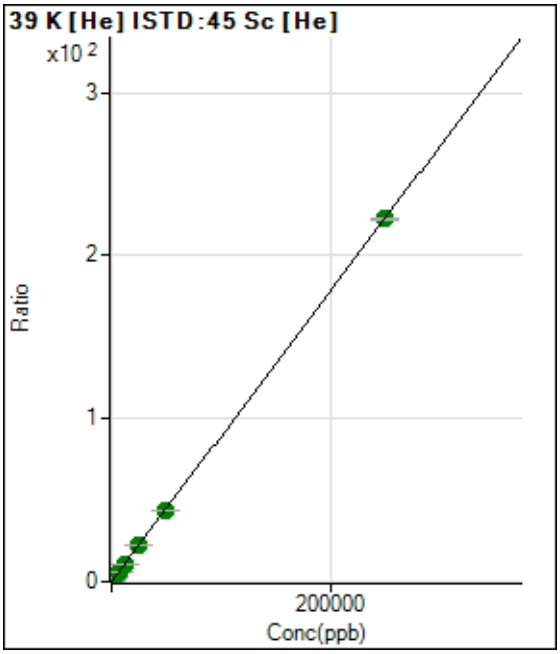
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |



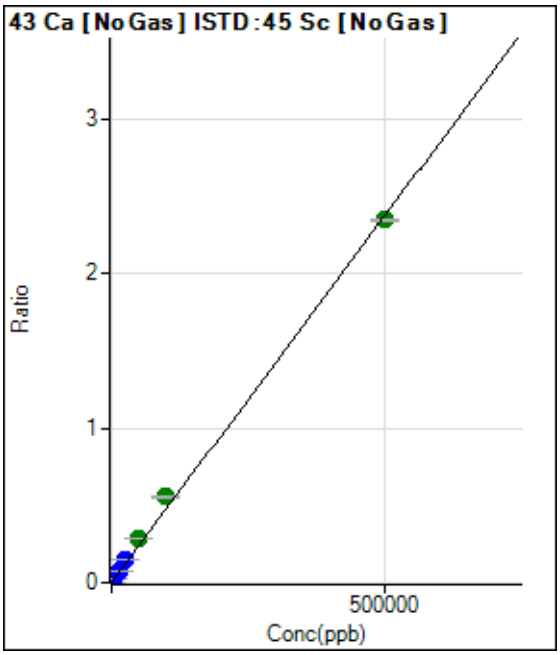

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 68894.99 | 0.1287 | P | 1.4 |
| 2 | ☐ | 500.000 | 535.200 | 327388.93 | 0.6046 | P | 0.4 |
| 3 | ☐ | 2500.000 | 2545.717 | 1308182.79 | 2.3922 | A | 1.2 |
| 4 | ☐ | 6250.000 | 6293.011 | 3027499.85 | 5.7242 | A | 0.7 |
| 5 | ☐ | 12500.000 | 12378.310 | 5713116.62 | 11.1351 | A | 1.1 |
| 6 | ☐ | 25000.000 | 24751.453 | 11035495.91 | 22.1369 | A | 0.5 |
| 7 | ☐ | 50000.000 | 49363.560 | 21625360.38 | 44.0213 | A | 0.2 |
| 8 | ☐ | 250000.00 | 250156.62 | 112724902.52 | 222.5607 | A | 0.4 |

y = 8.8917E-004 * x + 0.1287
R = 1.0000
DL = 6.228
BEC = 144.7

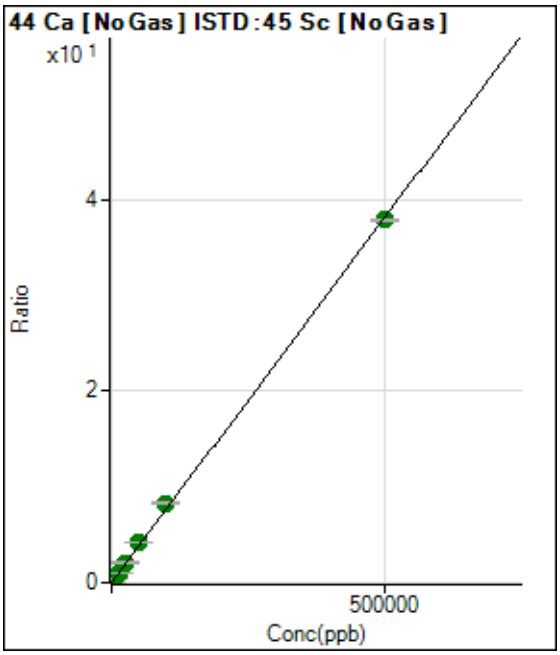
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 322.23 | 0.0000 | P | 5.1 |
| 2 | ☐ | 500.000 | 530.089 | 17377.01 | 0.0026 | P | 1.8 |
| 3 | ☐ | 5000.000 | 6347.029 | 204607.79 | 0.0301 | P | 0.8 |
| 4 | ☐ | 12500.000 | 15506.534 | 490893.68 | 0.0735 | P | 0.7 |
| 5 | ☐ | 25000.000 | 30728.217 | 930428.92 | 0.1457 | P | 1.0 |
| 6 | ☐ | 50000.000 | 60496.034 | 1771596.07 | 0.2868 | A | 0.5 |
| 7 | ☐ | 100000.00 | 117528.84 | 3395174.86 | 0.5571 | A | 1.5 |
| 8 | ☐ | 500000.00 | 495069.55 | 14400242.33 | 2.3465 | A | 0.6 |

y = 4.7397E-006 * x + 4.7703E-005
R = 0.9992
DL = 1.538
BEC = 10.06

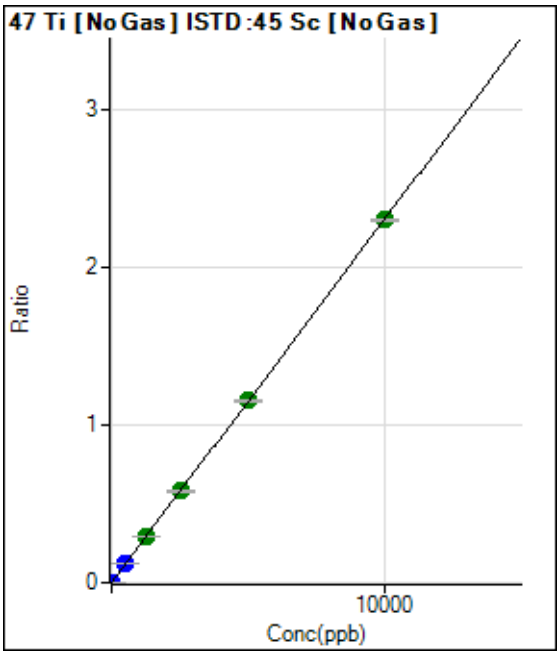
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19068.42 | 0.0028 | P | 2.0 |
| 2 | ☐ | 500.000 | 539.233 | 297965.29 | 0.0439 | P | 1.1 |
| 3 | ☐ | 5000.000 | 5641.139 | 2937092.25 | 0.4325 | A | 0.5 |
| 4 | ☐ | 12500.000 | 13880.639 | 7076189.48 | 1.0601 | A | 0.9 |
| 5 | ☐ | 25000.000 | 27593.256 | 13441249.43 | 2.1047 | A | 0.4 |
| 6 | ☐ | 50000.000 | 55307.150 | 26040335.83 | 4.2157 | A | 1.4 |
| 7 | ☐ | 100000.00 | 109310.80 | 50761906.69 | 8.3292 | A | 0.9 |
| 8 | ☐ | 500000.00 | 497436.49 | 232543169.09 | 37.8935 | A | 0.5 |

y = 7.6172E-005 * x + 0.0028
R = 0.9998
DL = 2.176
BEC = 37.05

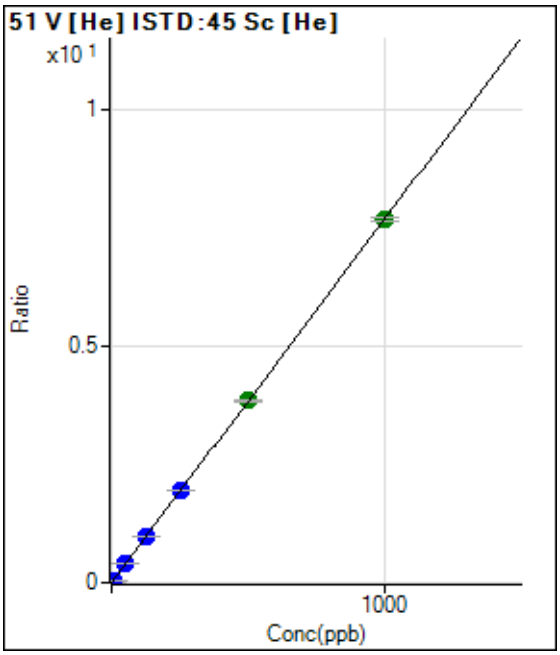
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 211.12 | 0.0000 | P | 6.9 |
| 2 | ☐ | 5.000 | 5.202 | 8349.75 | 0.0012 | P | 3.8 |
| 3 | ☐ | 500.000 | 519.784 | 813808.26 | 0.1198 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1267.403 | 1950150.44 | 0.2922 | A | 1.5 |
| 5 | ☐ | 2500.000 | 2522.145 | 3713005.33 | 0.5814 | A | 0.6 |
| 6 | ☐ | 5000.000 | 5004.140 | 7125437.22 | 1.1535 | A | 1.0 |
| 7 | ☐ | 10000.000 | 9989.229 | 14032886.08 | 2.3026 | A | 0.7 |
| 8 | ☐ | | | 2461.37 | 0.0004 | P | 4.5 |

y = 2.3050E-004 * x + 3.1256E-005
R = 1.0000
DL = 0.02824
BEC = 0.1356

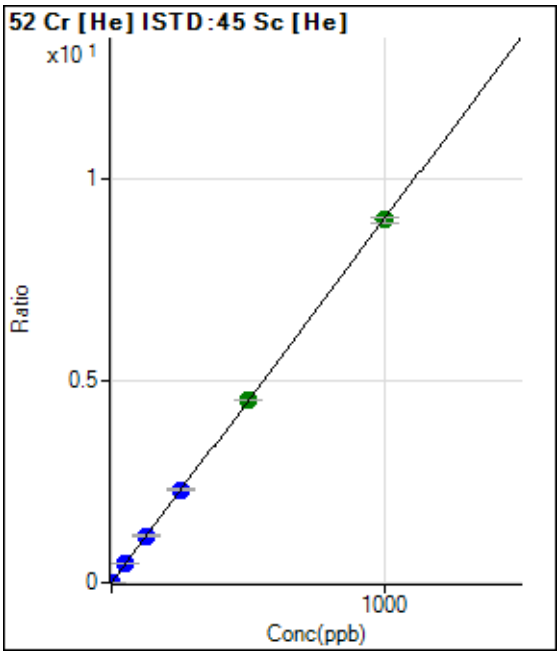
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 28.89 | 0.0001 | P | 42.8 |
| 2 | ☐ | 5.000 | 5.096 | 21217.26 | 0.0392 | P | 0.9 |
| 3 | ☐ | 50.000 | 51.385 | 215795.83 | 0.3946 | P | 0.7 |
| 4 | ☐ | 125.000 | 127.661 | 518467.79 | 0.9803 | P | 0.2 |
| 5 | ☐ | 250.000 | 253.262 | 997766.96 | 1.9447 | P | 1.3 |
| 6 | ☐ | 500.000 | 500.530 | 1915884.97 | 3.8433 | A | 0.4 |
| 7 | ☐ | 1000.000 | 998.517 | 3766184.18 | 7.6670 | A | 0.9 |
| 8 | ☐ | | | 912.26 | 0.0018 | P | 1.9 |

y = 0.0077 * x + 5.3811E-005
R = 1.0000
DL = 0.008998
BEC = 0.007008

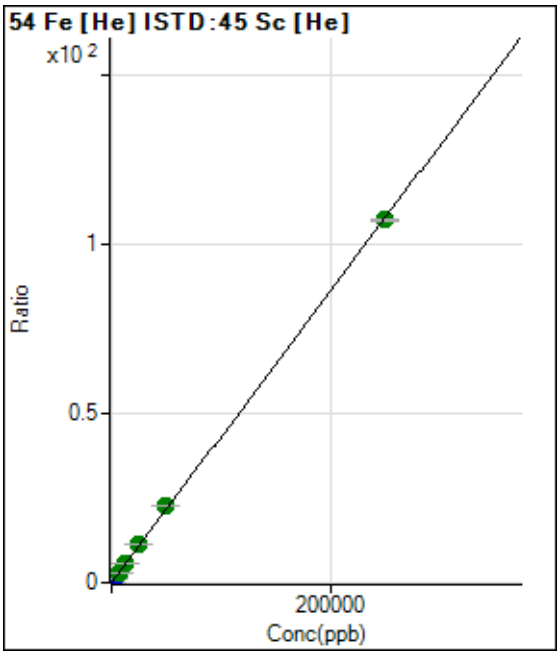
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2224.63 | 0.0042 | P | 2.8 |
| 2 | ☐ | 2.000 | 2.096 | 12473.00 | 0.0230 | P | 0.6 |
| 3 | ☐ | 50.000 | 51.864 | 257712.63 | 0.4712 | P | 0.3 |
| 4 | ☐ | 125.000 | 128.821 | 615818.38 | 1.1643 | P | 0.7 |
| 5 | ☐ | 250.000 | 254.954 | 1180154.25 | 2.3003 | P | 1.2 |
| 6 | ☐ | 500.000 | 502.083 | 2256156.98 | 4.5260 | A | 0.8 |
| 7 | ☐ | 1000.000 | 997.149 | 4413294.31 | 8.9846 | A | 1.4 |
| 8 | ☐ | | | 44646.99 | 0.0881 | P | 1.1 |

y = 0.0090 * x + 0.0042
R = 1.0000
DL = 0.03856
BEC = 0.4614

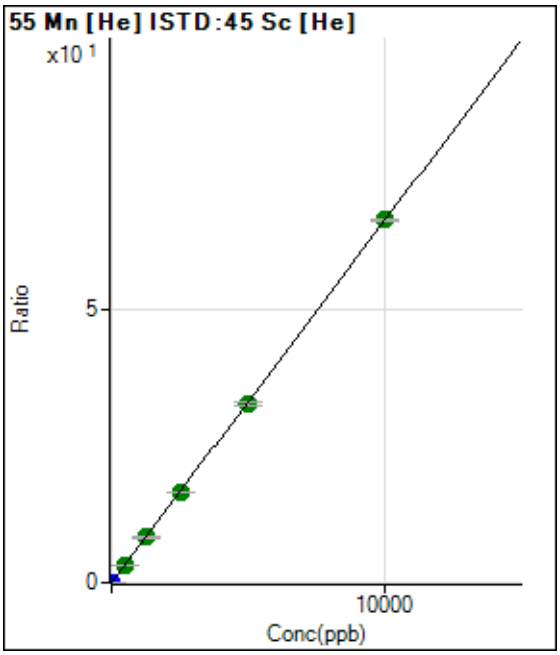
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1421.54 | 0.0027 | P | 2.1 |
| 2 | ☐ | 50.000 | 55.497 | 14344.85 | 0.0265 | P | 1.6 |
| 3 | ☐ | 2500.000 | 2806.711 | 660633.05 | 1.2080 | P | 1.2 |
| 4 | ☐ | 6250.000 | 6704.543 | 1524196.99 | 2.8820 | A | 2.1 |
| 5 | ☐ | 12500.000 | 13415.810 | 2957484.26 | 5.7643 | A | 0.5 |
| 6 | ☐ | 25000.000 | 26345.646 | 5641423.83 | 11.3172 | A | 0.8 |
| 7 | ☐ | 50000.000 | 52818.322 | 11143737.83 | 22.6863 | A | 1.6 |
| 8 | ☐ | 250000.00 | 249241.54 | 54216633.06 | 107.0434 | A | 0.4 |

y = 4.2947E-004 * x + 0.0027
R = 0.9999
DL = 0.3936
BEC = 6.182

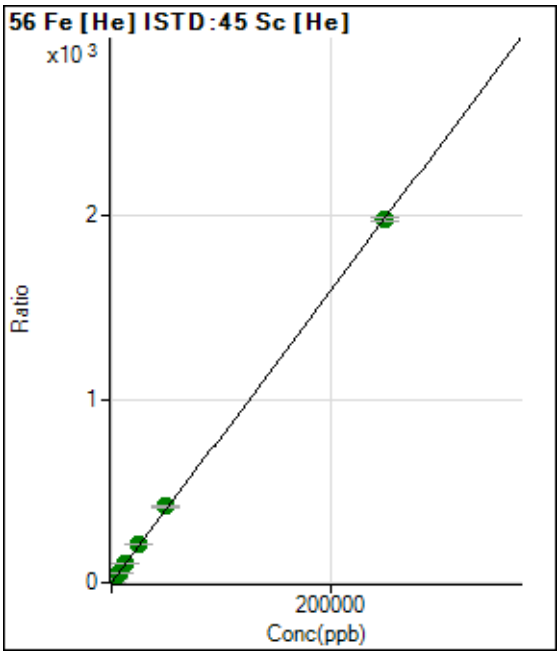
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 408.90 | 0.0008 | P | 4.6 |
| 2 | ☐ | 1.000 | 1.064 | 4231.74 | 0.0078 | P | 3.6 |
| 3 | ☐ | 500.000 | 502.019 | 1818938.01 | 3.3262 | A | 0.8 |
| 4 | ☐ | 1250.000 | 1257.216 | 4404836.71 | 8.3286 | A | 1.5 |
| 5 | ☐ | 2500.000 | 2504.520 | 8512339.52 | 16.5908 | A | 0.6 |
| 6 | ☐ | 5000.000 | 4937.500 | 16303296.28 | 32.7069 | A | 1.7 |
| 7 | ☐ | 10000.000 | 10029.117 | 32634383.68 | 66.4339 | A | 0.5 |
| 8 | ☐ | | | 20421.73 | 0.0403 | P | 1.0 |

y = 0.0066 * x + 7.6389E-004
R = 1.0000
DL = 0.01582
BEC = 0.1153

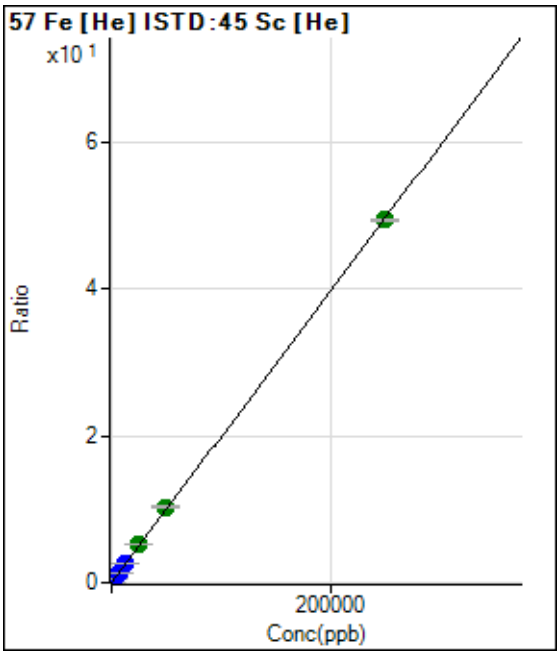
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 14390.41 | 0.0269 | P | 3.4 |
| 2 | ☐ | 50.000 | 54.860 | 250209.49 | 0.4620 | P | 0.5 |
| 3 | ☐ | 2500.000 | 2633.847 | 11439396.67 | 20.9191 | A | 1.3 |
| 4 | ☐ | 6250.000 | 6605.069 | 27723923.77 | 52.4196 | A | 1.5 |
| 5 | ☐ | 12500.000 | 13135.964 | 53472818.79 | 104.2240 | A | 0.7 |
| 6 | ☐ | 25000.000 | 25944.237 | 102600142.11 | 205.8218 | A | 0.8 |
| 7 | ☐ | 50000.000 | 52320.136 | 203875945.30 | 415.0407 | A | 0.9 |
| 8 | ☐ | 250000.00 | 249399.53 | 1002002170.5 | 1,978.314 | A | 0.9 |

y = 0.0079 * x + 0.0269
R = 1.0000
DL = 0.3417
BEC = 3.388

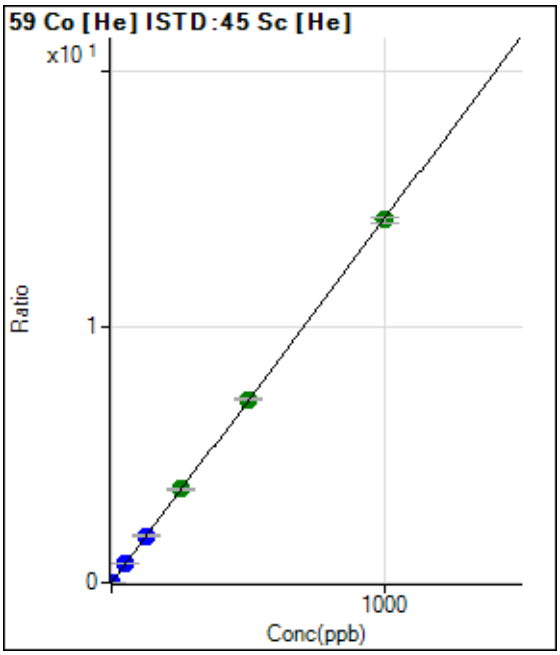
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 562.99 | 0.0011 | P | 10.9 |
| 2 | ☐ | 50.000 | 57.422 | 6733.09 | 0.0124 | P | 2.9 |
| 3 | ☐ | 2500.000 | 2704.918 | 293787.99 | 0.5372 | P | 1.4 |
| 4 | ☐ | 6250.000 | 6751.174 | 708347.03 | 1.3393 | P | 1.3 |
| 5 | ☐ | 12500.000 | 13453.609 | 1368800.59 | 2.6680 | P | 0.9 |
| 6 | ☐ | 25000.000 | 26092.940 | 2578925.92 | 5.1735 | A | 1.3 |
| 7 | ☐ | 50000.000 | 51876.585 | 5051964.52 | 10.2846 | A | 1.3 |
| 8 | ☐ | 250000.00 | 249453.12 | 25046122.55 | 49.4503 | A | 0.5 |

y = 1.9823E-004 * x + 0.0011
R = 1.0000
DL = 1.729
BEC = 5.299

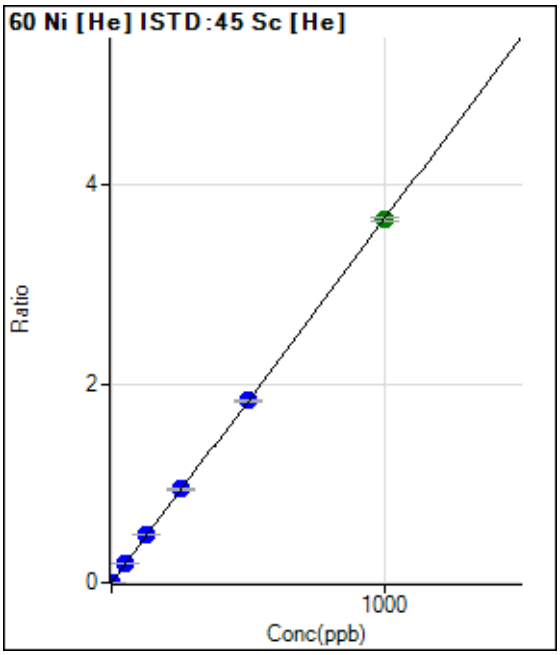
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 161.11 | 0.0003 | P | 11.2 |
| 2 | ☐ | 1.000 | 1.066 | 8364.62 | 0.0154 | P | 1.8 |
| 3 | ☐ | 50.000 | 52.229 | 406058.00 | 0.7425 | P | 0.9 |
| 4 | ☐ | 125.000 | 129.186 | 971140.60 | 1.8362 | P | 0.8 |
| 5 | ☐ | 250.000 | 256.769 | 1872272.89 | 3.6493 | A | 1.1 |
| 6 | ☐ | 500.000 | 502.171 | 3557507.34 | 7.1367 | A | 0.9 |
| 7 | ☐ | 1000.000 | 996.587 | 6956960.38 | 14.1630 | A | 1.4 |
| 8 | ☐ | | | 21509.94 | 0.0425 | P | 0.9 |

y = 0.0142 * x + 3.0072E-004
R = 1.0000
DL = 0.007105
BEC = 0.02116

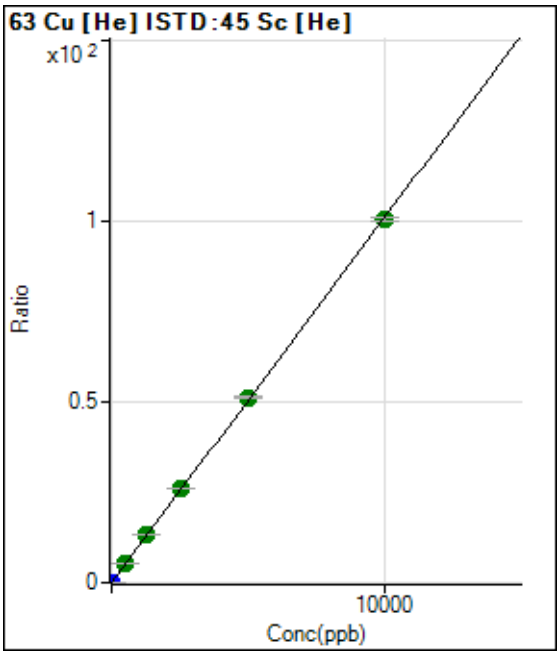
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 116.67 | 0.0002 | P | 3.7 |
| 2 | ☐ | 1.000 | 1.085 | 2270.19 | 0.0042 | P | 4.6 |
| 3 | ☐ | 50.000 | 52.817 | 105887.20 | 0.1936 | P | 0.6 |
| 4 | ☐ | 125.000 | 130.329 | 252523.19 | 0.4775 | P | 0.7 |
| 5 | ☐ | 250.000 | 256.421 | 481843.72 | 0.9392 | P | 1.0 |
| 6 | ☐ | 500.000 | 499.973 | 912734.53 | 1.8310 | P | 0.9 |
| 7 | ☐ | 1000.000 | 997.601 | 1794547.54 | 3.6532 | A | 1.1 |
| 8 | ☐ | | | 15588.16 | 0.0308 | P | 1.9 |

y = 0.0037 * x + 2.1780E-004
R = 1.0000
DL = 0.006594
BEC = 0.05948

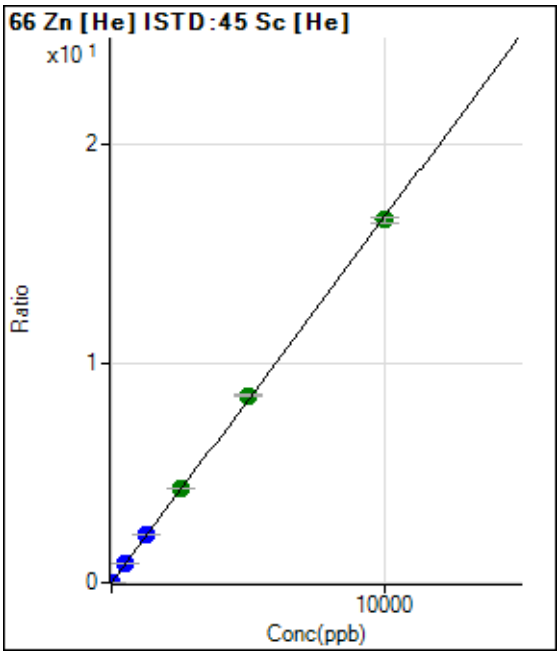
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1280.07 | 0.0024 | P | 1.3 |
| 2 | ☐ | 2.000 | 2.168 | 13142.53 | 0.0243 | P | 0.7 |
| 3 | ☐ | 500.000 | 531.188 | 2932273.29 | 5.3623 | A | 1.4 |
| 4 | ☐ | 1250.000 | 1296.917 | 6922787.33 | 13.0888 | A | 0.2 |
| 5 | ☐ | 2500.000 | 2569.527 | 13303944.11 | 25.9300 | A | 0.6 |
| 6 | ☐ | 5000.000 | 5071.489 | 25510431.57 | 51.1759 | A | 1.0 |
| 7 | ☐ | 10000.000 | 9939.450 | 49267259.82 | 100.2958 | A | 1.0 |
| 8 | ☐ | | | 17766.21 | 0.0351 | P | 1.5 |

y = 0.0101 * x + 0.0024
R = 0.9999
DL = 0.009452
BEC = 0.2369

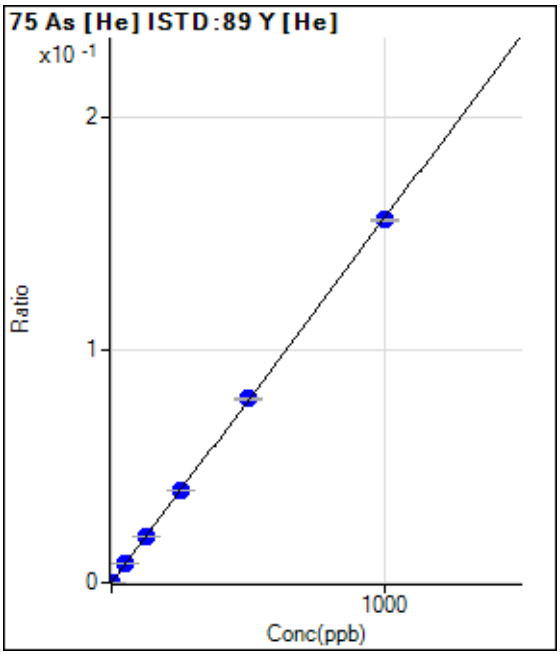
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1300.07 | 0.0024 | P | 6.5 |
| 2 | ☐ | 2.000 | 2.515 | 3583.80 | 0.0066 | P | 1.1 |
| 3 | ☐ | 500.000 | 521.013 | 475935.28 | 0.8703 | P | 0.1 |
| 4 | ☐ | 1250.000 | 1295.985 | 1143002.34 | 2.1611 | P | 0.4 |
| 5 | ☐ | 2500.000 | 2578.344 | 2204757.22 | 4.2971 | A | 0.1 |
| 6 | ☐ | 5000.000 | 5105.202 | 4240034.69 | 8.5060 | A | 1.1 |
| 7 | ☐ | 10000.000 | 9921.014 | 8118596.20 | 16.5275 | A | 1.6 |
| 8 | ☐ | | | 14155.69 | 0.0279 | P | 1.5 |

y = 0.0017 * x + 0.0024
R = 0.9999
DL = 0.2835
BEC = 1.458

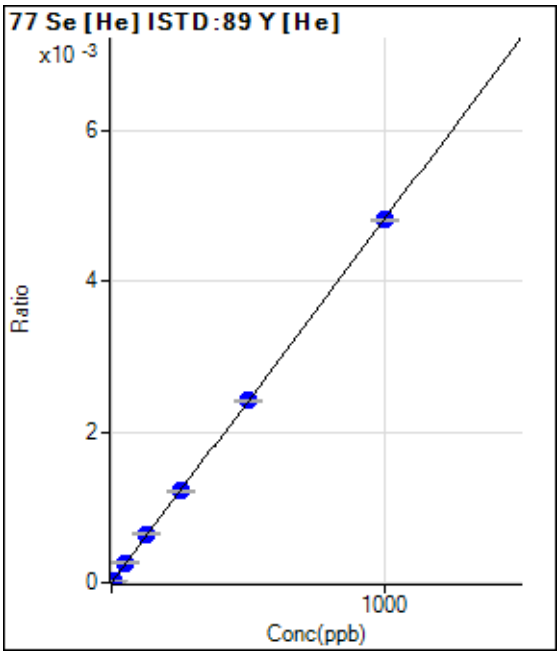
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 24.07 | 0.0000 | P | 31.0 |
| 2 | ☐ | 1.000 | 1.107 | 671.01 | 0.0002 | P | 4.9 |
| 3 | ☐ | 50.000 | 51.966 | 30273.93 | 0.0081 | P | 2.5 |
| 4 | ☐ | 125.000 | 128.892 | 72611.07 | 0.0202 | P | 0.4 |
| 5 | ☐ | 250.000 | 254.249 | 139629.25 | 0.0398 | P | 0.3 |
| 6 | ☐ | 500.000 | 506.019 | 271271.77 | 0.0792 | P | 0.9 |
| 7 | ☐ | 1000.000 | 995.344 | 529938.82 | 0.1558 | P | 0.3 |
| 8 | ☐ | | | 245.68 | 0.0001 | P | 7.6 |

y = 1.5651E-004 * x + 6.5602E-006
R = 1.0000
DL = 0.03901
BEC = 0.04191

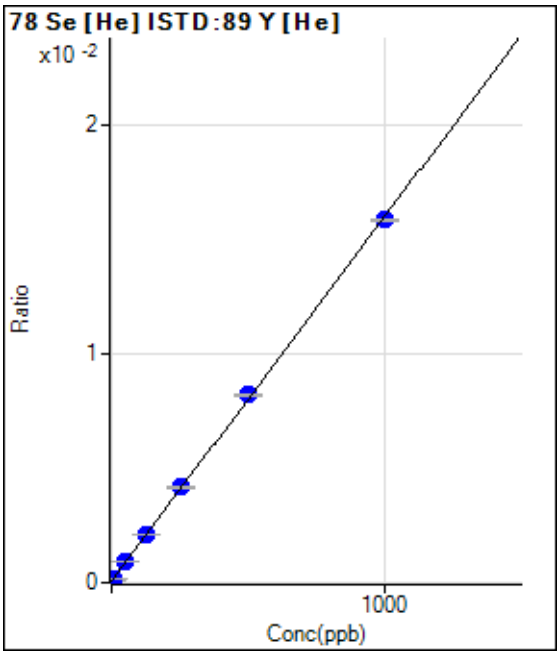
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1.11 | 0.0000 | P | 173. |
| 2 | ☐ | 5.000 | 5.873 | 106.67 | 0.0000 | P | 25.5 |
| 3 | ☐ | 50.000 | 54.499 | 977.82 | 0.0003 | P | 12.3 |
| 4 | ☐ | 125.000 | 133.601 | 2319.10 | 0.0006 | P | 4.1 |
| 5 | ☐ | 250.000 | 251.297 | 4251.76 | 0.0012 | P | 3.1 |
| 6 | ☐ | 500.000 | 500.402 | 8263.49 | 0.0024 | P | 1.7 |
| 7 | ☐ | 1000.000 | 998.170 | 16370.24 | 0.0048 | P | 0.6 |
| 8 | ☐ | | | 13.33 | 0.0000 | P | 50.4 |

y = 4.8211E-006 * x + 2.9990E-007
R = 1.0000
DL = 0.3232
BEC = 0.06221

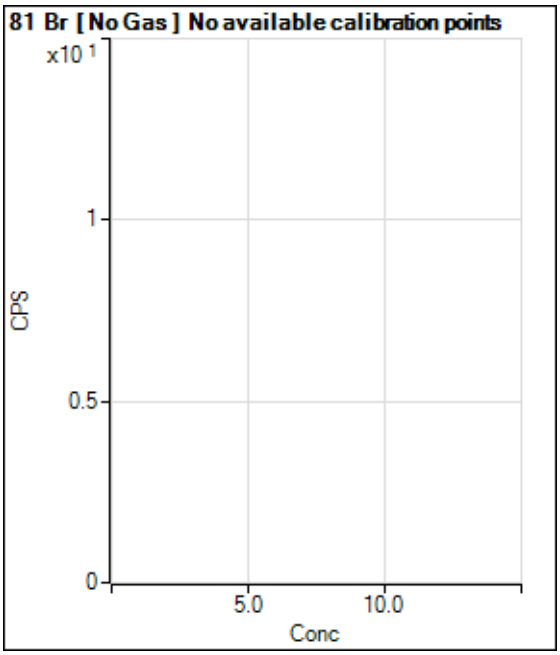
Weight: <None>
Min Conc: 0



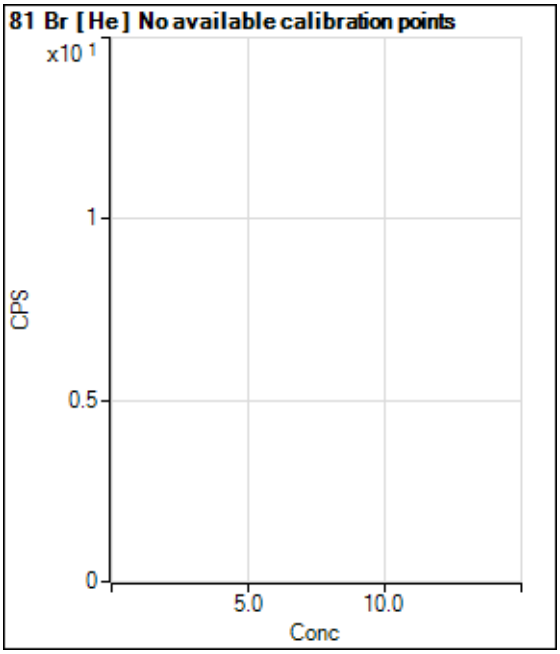

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 245.68 | 0.0001 | P | 4.0 |
| 2 | ☐ | 5.000 | 5.865 | 598.17 | 0.0002 | P | 1.4 |
| 3 | ☐ | 50.000 | 52.274 | 3343.60 | 0.0009 | P | 2.5 |
| 4 | ☐ | 125.000 | 130.001 | 7684.73 | 0.0021 | P | 0.5 |
| 5 | ☐ | 250.000 | 258.164 | 14646.15 | 0.0042 | P | 2.5 |
| 6 | ☐ | 500.000 | 510.650 | 28059.22 | 0.0082 | P | 1.7 |
| 7 | ☐ | 1000.000 | 991.891 | 53920.83 | 0.0159 | P | 0.2 |
| 8 | ☐ | | | 235.81 | 0.0001 | P | 3.9 |

y = 1.5914E-005 * x + 6.6920E-005
R = 0.9999
DL = 0.4992
BEC = 4.205

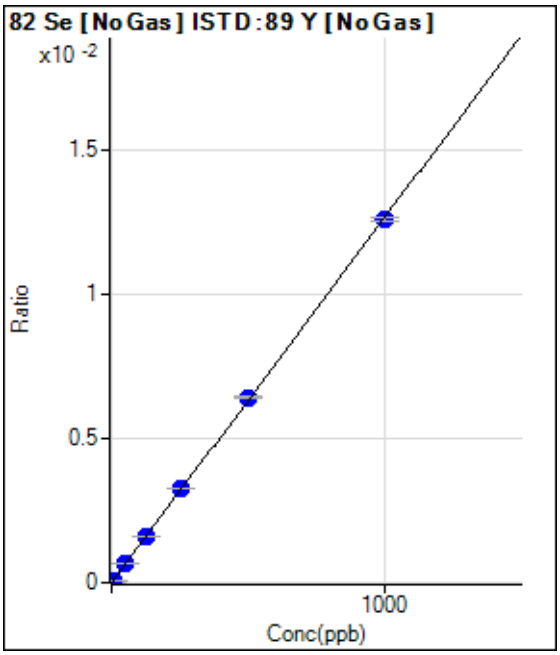
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15366.67 | | P | 1.8 |
| 2 | ☐ | | | 15297.17 | | P | 2.2 |
| 3 | ☐ | | | 15625.28 | | P | 2.9 |
| 4 | ☐ | | | 14490.85 | | P | 1.5 |
| 5 | ☐ | | | 13784.55 | | P | 0.8 |
| 6 | ☐ | | | 13036.67 | | P | 3.0 |
| 7 | ☐ | | | 13403.64 | | P | 2.5 |
| 8 | ☐ | | | 13248.00 | | P | 5.3 |



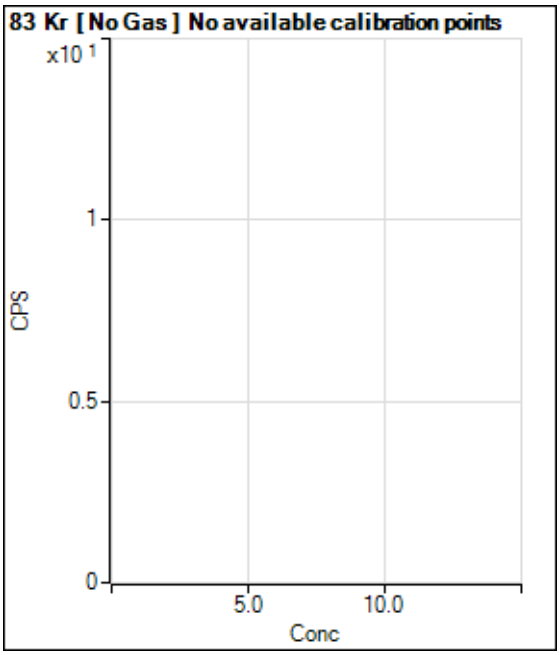

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 116.78 | | P | 21.6 |
| 2 | ☐ | | | 176.85 | | P | 21.4 |
| 3 | ☐ | | | 76.74 | | P | 41.9 |
| 4 | ☐ | | | 93.43 | | P | 12.4 |
| 5 | ☐ | | | 123.46 | | P | 4.7 |
| 6 | ☐ | | | 130.14 | | P | 26.7 |
| 7 | ☐ | | | 96.77 | | P | 39.2 |
| 8 | ☐ | | | 120.12 | | P | 36.3 |



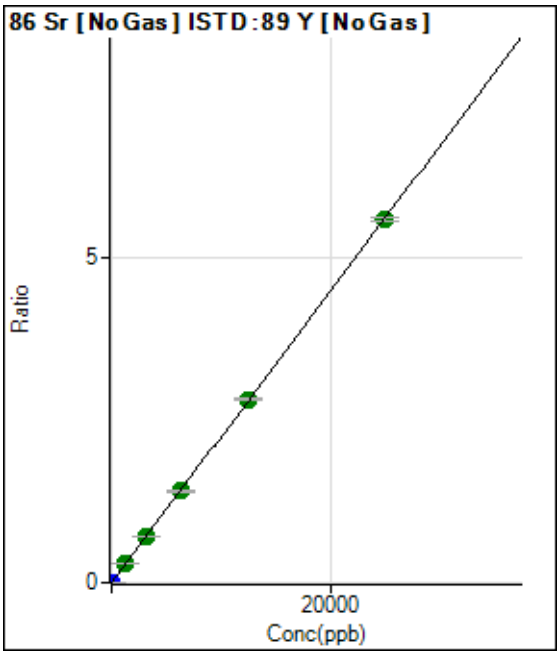

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.27 | 0.0000 | P | 405. |
| 2 | ☐ | 5.000 | 5.975 | 1187.06 | 0.0001 | P | 9.3 |
| 3 | ☐ | 50.000 | 52.645 | 10499.81 | 0.0007 | P | 0.6 |
| 4 | ☐ | 125.000 | 128.258 | 25554.47 | 0.0016 | P | 0.8 |
| 5 | ☐ | 250.000 | 257.223 | 49782.63 | 0.0033 | P | 0.5 |
| 6 | ☐ | 500.000 | 506.545 | 95833.45 | 0.0064 | P | 0.9 |
| 7 | ☐ | 1000.000 | 994.377 | 186590.10 | 0.0126 | P | 1.0 |
| 8 | ☐ | | | 78.46 | 0.0000 | P | 217. |

y = 1.2651E-005 * x + 1.4300E-007
R = 0.9999
DL = 0.1375
BEC = 0.0113

Weight: <None>
Min Conc: 0



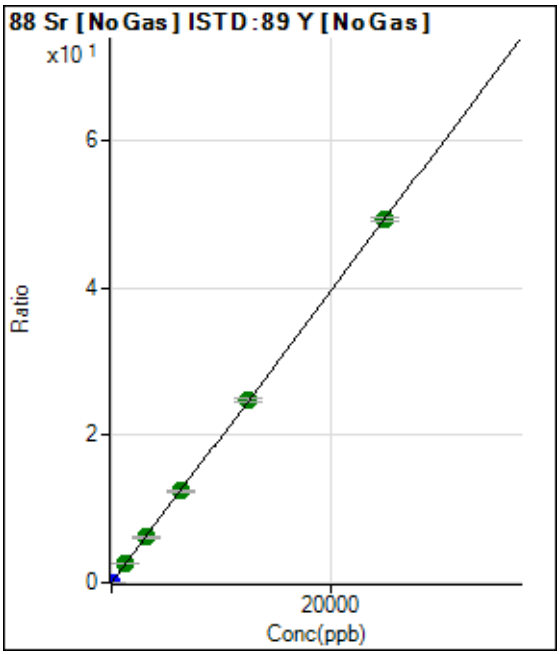

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 5192.07 | | P | 2.0 |
| 2 | ☐ | | | 5128.71 | | P | 1.9 |
| 3 | ☐ | | | 5354.36 | | P | 2.2 |
| 4 | ☐ | | | 5235.43 | | P | 5.6 |
| 5 | ☐ | | | 4937.53 | | P | 1.0 |
| 6 | ☐ | | | 4836.38 | | P | 1.2 |
| 7 | ☐ | | | 4768.59 | | P | 0.5 |
| 8 | ☐ | | | 4666.34 | | P | 3.3 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8274.77 | 0.0005 | P | 1.6 |
| 2 | ☐ | 1.000 | 1.037 | 11930.11 | 0.0008 | P | 0.3 |
| 3 | ☐ | 1250.000 | 1291.482 | 4558549.63 | 0.2892 | A | 1.0 |
| 4 | ☐ | 3125.000 | 3141.896 | 11068209.62 | 0.7028 | A | 0.6 |
| 5 | ☐ | 6250.000 | 6321.842 | 21624433.30 | 1.4136 | A | 1.5 |
| 6 | ☐ | 12500.000 | 12582.307 | 42066558.58 | 2.8130 | A | 1.3 |
| 7 | ☐ | 25000.000 | 24936.700 | 82685854.62 | 5.5746 | A | 1.1 |
| 8 | ☐ | | | 29516.17 | 0.0020 | P | 1.2 |

y = 2.2353E-004 * x + 5.2955E-004
R = 1.0000
DL = 0.117
BEC = 2.369

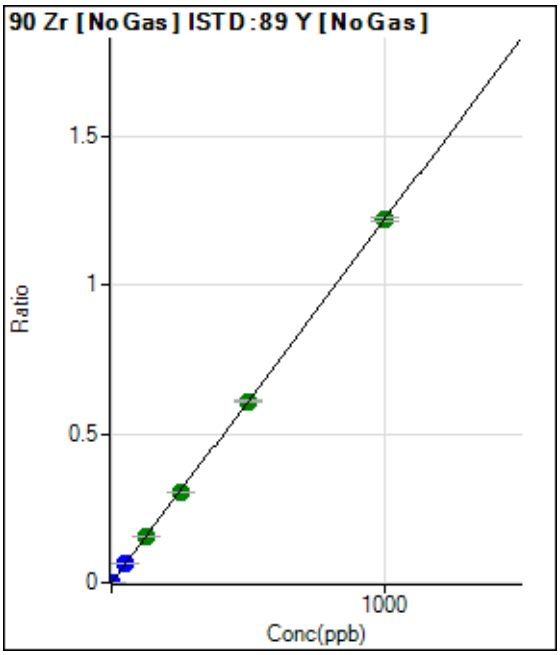
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 508.35 | 0.0000 | P | 16.4 |
| 2 | ☐ | 1.000 | 1.016 | 31918.69 | 0.0020 | P | 1.3 |
| 3 | ☐ | 1250.000 | 1274.051 | 39627428.32 | 2.5142 | A | 1.6 |
| 4 | ☐ | 3125.000 | 3119.416 | 96940456.34 | 6.1557 | A | 0.7 |
| 5 | ☐ | 6250.000 | 6294.812 | 190015336.19 | 12.4218 | A | 1.8 |
| 6 | ☐ | 12500.000 | 12543.983 | 370166391.61 | 24.7535 | A | 1.5 |
| 7 | ☐ | 25000.000 | 24966.301 | 730756405.22 | 49.2669 | A | 1.1 |
| 8 | ☐ | | | 200412.13 | 0.0139 | P | 1.3 |

y = 0.0020 * x + 3.2570E-005
R = 1.0000
DL = 0.008122
BEC = 0.0165

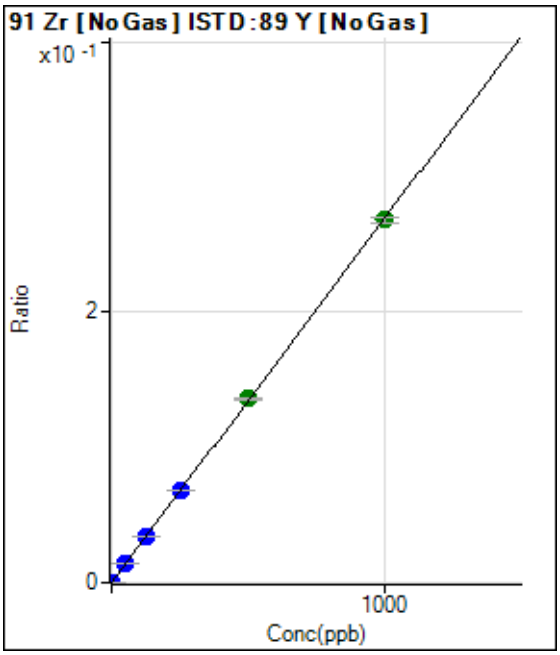
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 605.59 | 0.0000 | P | 14.7 |
| 2 | ☐ | 1.000 | 0.986 | 19488.38 | 0.0012 | P | 2.3 |
| 3 | ☐ | 50.000 | 51.834 | 998586.78 | 0.0634 | P | 0.7 |
| 4 | ☐ | 125.000 | 126.914 | 2441814.01 | 0.1551 | A | 0.6 |
| 5 | ☐ | 250.000 | 250.228 | 4676145.29 | 0.3057 | A | 0.3 |
| 6 | ☐ | 500.000 | 499.862 | 9131080.15 | 0.6106 | A | 0.9 |
| 7 | ☐ | 1000.000 | 999.681 | 18111751.79 | 1.2211 | A | 1.2 |
| 8 | ☐ | | | 7813.39 | 0.0005 | P | 2.4 |

y = 0.0012 * x + 3.8805E-005
R = 1.0000
DL = 0.01405
BEC = 0.03177

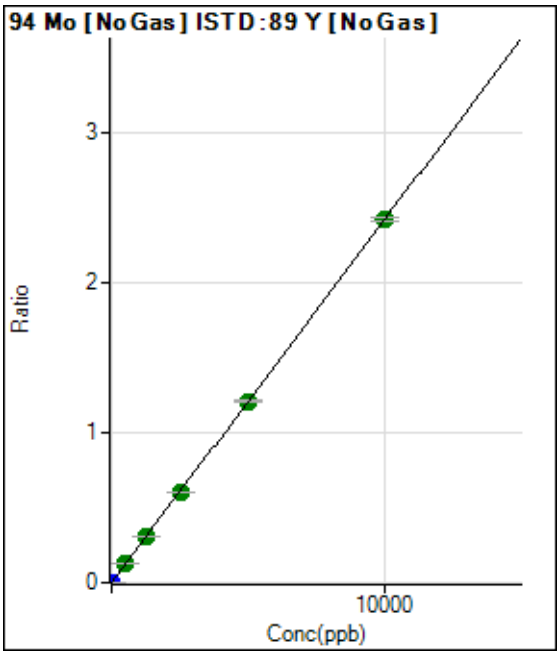
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 144.45 | 0.0000 | P | 22.8 |
| 2 | ☐ | 1.000 | 1.003 | 4372.98 | 0.0003 | P | 3.2 |
| 3 | ☐ | 50.000 | 51.799 | 219824.90 | 0.0139 | P | 0.9 |
| 4 | ☐ | 125.000 | 127.484 | 540292.58 | 0.0343 | P | 1.6 |
| 5 | ☐ | 250.000 | 252.302 | 1038593.66 | 0.0679 | P | 0.6 |
| 6 | ☐ | 500.000 | 505.233 | 2033012.00 | 0.1359 | A | 0.8 |
| 7 | ☐ | 1000.000 | 996.407 | 3976633.12 | 0.2681 | A | 1.9 |
| 8 | ☐ | | | 1625.13 | 0.0001 | P | 11.5 |

y = 2.6906E-004 * x + 9.2618E-006
R = 1.0000
DL = 0.02353
BEC = 0.03442

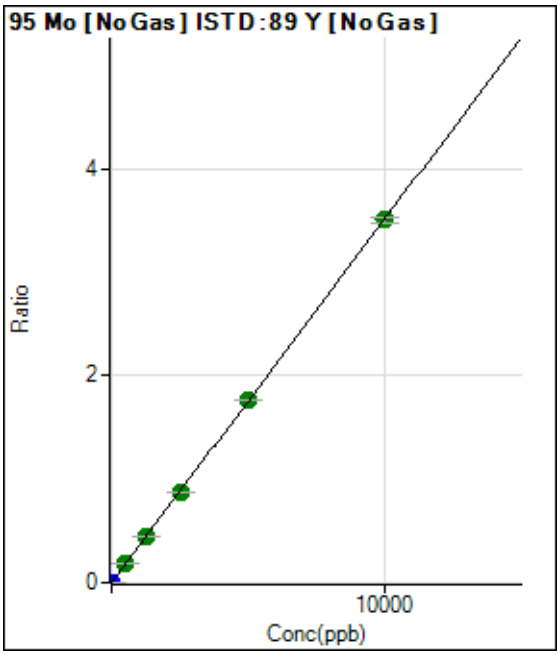
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 263.90 | 0.0000 | P | 15.5 |
| 2 | ☐ | 5.000 | 6.024 | 23068.66 | 0.0015 | P | 1.3 |
| 3 | ☐ | 500.000 | 519.983 | 1980276.46 | 0.1256 | A | 1.1 |
| 4 | ☐ | 1250.000 | 1262.116 | 4801543.12 | 0.3049 | A | 1.0 |
| 5 | ☐ | 2500.000 | 2489.353 | 9199401.07 | 0.6014 | A | 0.4 |
| 6 | ☐ | 5000.000 | 5004.412 | 18078512.04 | 1.2089 | A | 1.2 |
| 7 | ☐ | 10000.000 | 9997.941 | 35823594.20 | 2.4152 | A | 1.1 |
| 8 | ☐ | | | 11529.84 | 0.0008 | P | 4.3 |

y = 2.4157E-004 * x + 1.6877E-005
R = 1.0000
DL = 0.03251
BEC = 0.06986

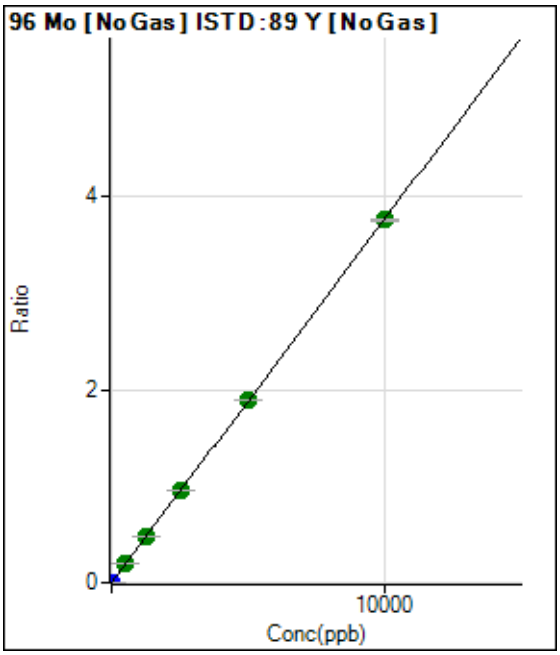
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 144.45 | 0.0000 | P | 43.1 |
| 2 | ☐ | 5.000 | 5.191 | 28706.56 | 0.0018 | P | 1.1 |
| 3 | ☐ | 500.000 | 513.051 | 2839658.20 | 0.1802 | A | 0.4 |
| 4 | ☐ | 1250.000 | 1258.504 | 6958715.87 | 0.4419 | A | 1.6 |
| 5 | ☐ | 2500.000 | 2504.311 | 13451469.83 | 0.8793 | A | 0.6 |
| 6 | ☐ | 5000.000 | 5026.528 | 26393304.58 | 1.7649 | A | 1.0 |
| 7 | ☐ | 10000.000 | 9983.943 | 51996835.54 | 3.5055 | A | 1.4 |
| 8 | ☐ | | | 15719.83 | 0.0011 | P | 2.6 |

y = 3.5112E-004 * x + 9.2316E-006
R = 1.0000
DL = 0.03401
BEC = 0.02629

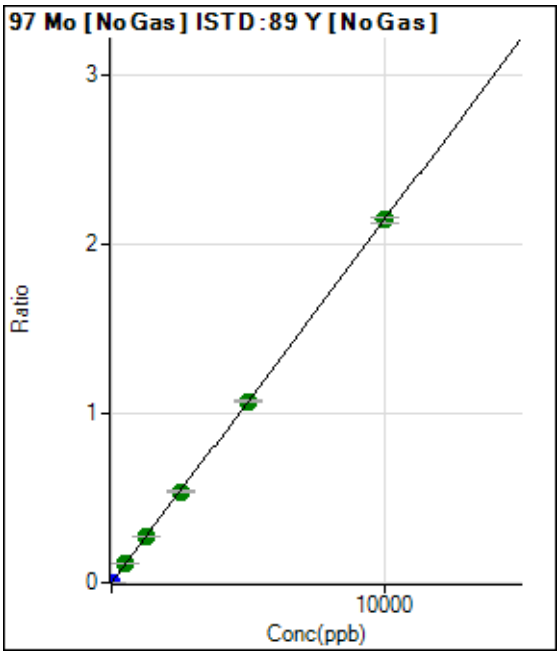
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 261.12 | 0.0000 | P | 0.9 |
| 2 | ☐ | 5.000 | 5.326 | 31657.02 | 0.0020 | P | 0.2 |
| 3 | ☐ | 500.000 | 517.668 | 3069373.99 | 0.1947 | A | 1.1 |
| 4 | ☐ | 1250.000 | 1255.968 | 7439594.52 | 0.4724 | A | 1.5 |
| 5 | ☐ | 2500.000 | 2520.701 | 14504356.05 | 0.9481 | A | 0.5 |
| 6 | ☐ | 5000.000 | 5018.491 | 28230150.98 | 1.8876 | A | 0.1 |
| 7 | ☐ | 10000.000 | 9983.950 | 55701758.19 | 3.7553 | A | 0.6 |
| 8 | ☐ | | | 22086.65 | 0.0015 | P | 3.3 |

y = 3.7613E-004 * x + 1.6712E-005
R = 1.0000
DL = 0.001135
BEC = 0.04443

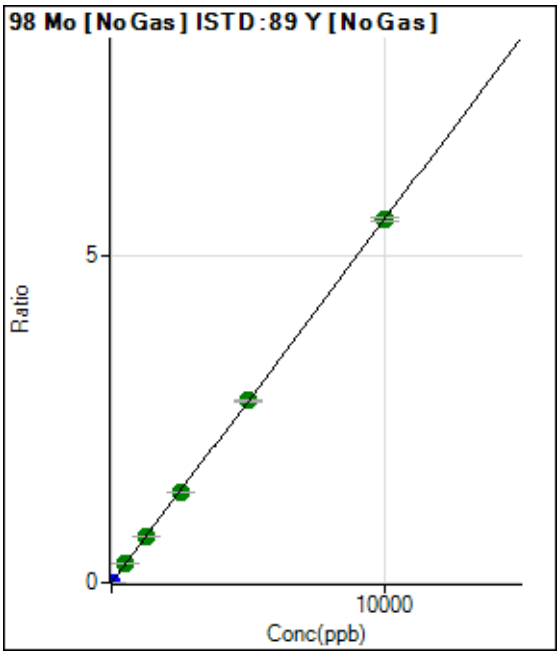
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 102.78 | 0.0000 | P | 37.8 |
| 2 | ☐ | 5.000 | 5.231 | 17688.83 | 0.0011 | P | 2.4 |
| 3 | ☐ | 500.000 | 515.572 | 1743247.85 | 0.1106 | A | 0.6 |
| 4 | ☐ | 1250.000 | 1262.716 | 4265331.35 | 0.2709 | A | 1.6 |
| 5 | ☐ | 2500.000 | 2514.473 | 8250848.62 | 0.5394 | A | 0.9 |
| 6 | ☐ | 5000.000 | 4993.995 | 16020067.20 | 1.0712 | A | 0.6 |
| 7 | ☐ | 10000.000 | 9997.016 | 31806073.28 | 2.1443 | A | 1.3 |
| 8 | ☐ | | | 9489.45 | 0.0007 | P | 5.7 |

y = 2.1450E-004 * x + 6.6010E-006
R = 1.0000
DL = 0.03491
BEC = 0.03077

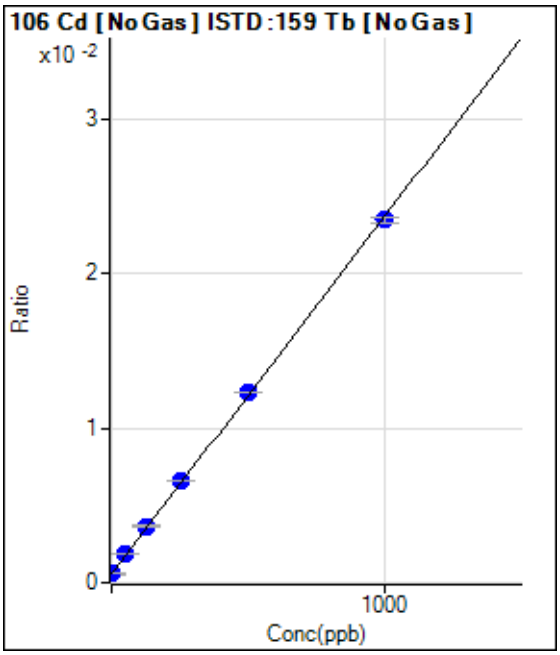
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 233.34 | 0.0000 | P | 18.5 |
| 2 | ☐ | 5.000 | 5.263 | 46168.07 | 0.0029 | P | 1.3 |
| 3 | ☐ | 500.000 | 513.879 | 4511390.81 | 0.2862 | A | 0.7 |
| 4 | ☐ | 1250.000 | 1259.107 | 11043257.71 | 0.7013 | A | 1.0 |
| 5 | ☐ | 2500.000 | 2505.374 | 21345528.43 | 1.3953 | A | 0.4 |
| 6 | ☐ | 5000.000 | 5020.351 | 41813759.96 | 2.7960 | A | 0.9 |
| 7 | ☐ | 10000.000 | 9986.649 | 82498634.48 | 5.5619 | A | 1.0 |
| 8 | ☐ | | | 24242.92 | 0.0017 | P | 3.9 |

y = 5.5693E-004 * x + 1.4950E-005
R = 1.0000
DL = 0.01491
BEC = 0.02684

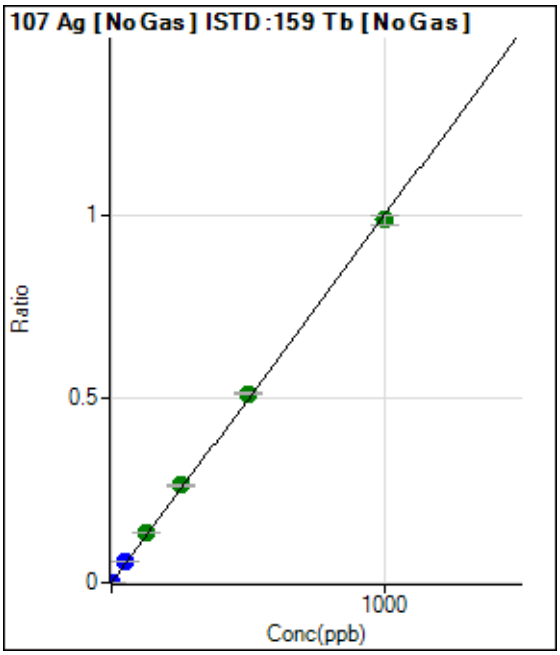
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6996.30 | 0.0006 | P | 4.5 |
| 2 | ☐ | 1.000 | 1.947 | 7685.60 | 0.0006 | P | 2.4 |
| 3 | ☐ | 50.000 | 56.494 | 23975.90 | 0.0019 | P | 1.8 |
| 4 | ☐ | 125.000 | 134.061 | 47024.07 | 0.0037 | P | 2.7 |
| 5 | ☐ | 250.000 | 261.337 | 84719.50 | 0.0066 | P | 1.2 |
| 6 | ☐ | 500.000 | 509.111 | 156979.34 | 0.0123 | P | 0.1 |
| 7 | ☐ | 1000.000 | 991.152 | 301345.05 | 0.0235 | P | 1.7 |
| 8 | ☐ | | | 6807.31 | 0.0006 | P | 2.7 |

y = 2.3095E-005 * x + 5.6074E-004
R = 0.9999
DL = 3.251
BEC = 24.28

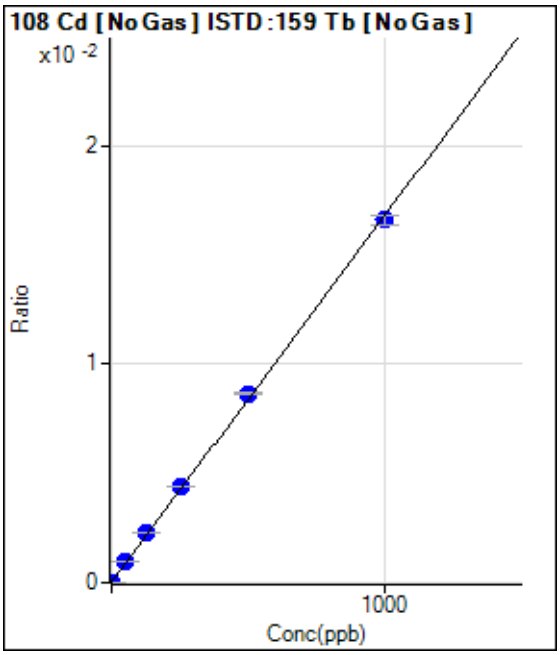
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 86.11 | 0.0000 | P | 11.3 |
| 2 | ☐ | 1.000 | 0.907 | 11585.54 | 0.0009 | P | 9.5 |
| 3 | ☐ | 50.000 | 56.191 | 721152.64 | 0.0561 | P | 1.1 |
| 4 | ☐ | 125.000 | 137.039 | 1759935.58 | 0.1369 | A | 1.8 |
| 5 | ☐ | 250.000 | 265.355 | 3403577.77 | 0.2650 | A | 1.1 |
| 6 | ☐ | 500.000 | 514.201 | 6543490.42 | 0.5135 | A | 0.8 |
| 7 | ☐ | 1000.000 | 987.246 | 12668036.14 | 0.9859 | A | 2.5 |
| 8 | ☐ | | | 5378.90 | 0.0004 | P | 7.9 |

y = 9.9863E-004 * x + 6.9003E-006
R = 0.9997
DL = 0.002346
BEC = 0.00691

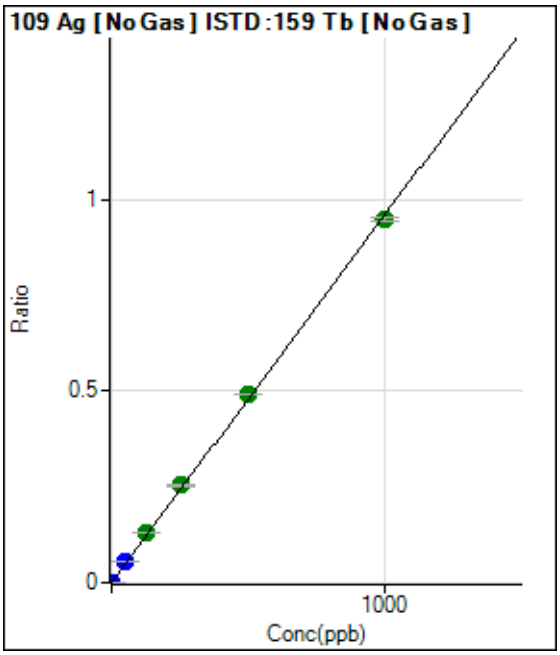
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 176.39 | 0.0000 | P | 6.9 |
| 2 | ☐ | 1.000 | 1.006 | 393.07 | 0.0000 | P | 4.2 |
| 3 | ☐ | 50.000 | 55.926 | 12217.76 | 0.0010 | P | 4.1 |
| 4 | ☐ | 125.000 | 134.180 | 29091.76 | 0.0023 | P | 1.4 |
| 5 | ☐ | 250.000 | 260.297 | 56194.37 | 0.0044 | P | 0.4 |
| 6 | ☐ | 500.000 | 513.534 | 109814.50 | 0.0086 | P | 1.0 |
| 7 | ☐ | 1000.000 | 989.215 | 213136.30 | 0.0166 | P | 2.5 |
| 8 | ☐ | | | 284.73 | 0.0000 | P | 7.3 |

y = 1.6754E-005 * x + 1.4123E-005
R = 0.9998
DL = 0.1747
BEC = 0.843

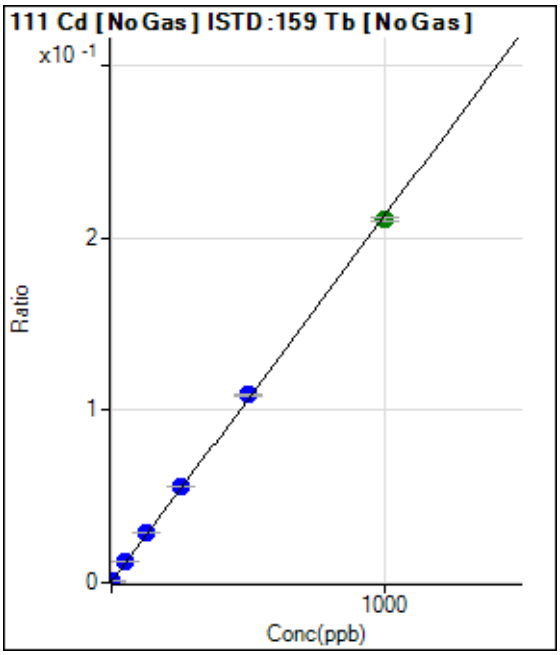
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 33.33 | 0.0000 | P | 26.3 |
| 2 | ☐ | 1.000 | 0.937 | 11446.52 | 0.0009 | P | 7.6 |
| 3 | ☐ | 50.000 | 56.147 | 692465.49 | 0.0539 | P | 0.5 |
| 4 | ☐ | 125.000 | 136.438 | 1683750.17 | 0.1309 | A | 2.1 |
| 5 | ☐ | 250.000 | 265.387 | 3271164.94 | 0.2547 | A | 0.9 |
| 6 | ☐ | 500.000 | 513.077 | 6274389.50 | 0.4924 | A | 0.9 |
| 7 | ☐ | 1000.000 | 987.878 | 12183007.48 | 0.9480 | A | 1.1 |
| 8 | ☐ | | | 5109.36 | 0.0004 | P | 4.8 |

y = 9.5966E-004 * x + 2.6771E-006
R = 0.9997
DL = 0.002205
BEC = 0.00279

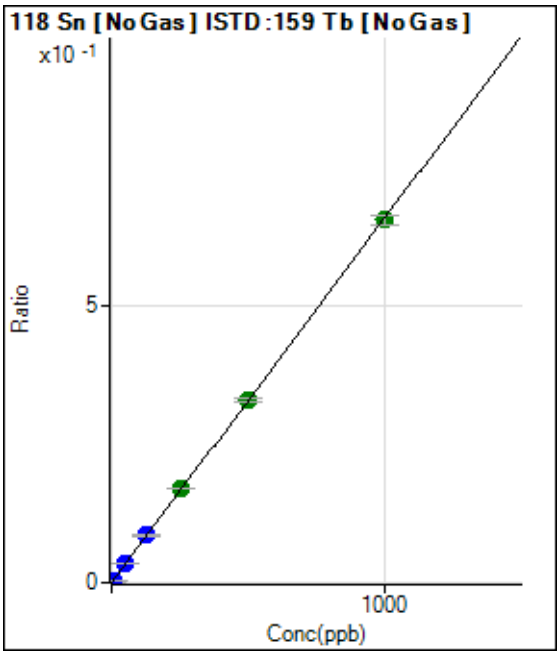
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4866.99 | 0.0004 | P | 4.5 |
| 2 | ☐ | 1.000 | 1.213 | 8213.48 | 0.0006 | P | 2.6 |
| 3 | ☐ | 50.000 | 54.806 | 154443.81 | 0.0120 | P | 0.5 |
| 4 | ☐ | 125.000 | 134.471 | 371889.00 | 0.0289 | P | 2.0 |
| 5 | ☐ | 250.000 | 262.680 | 720802.65 | 0.0561 | P | 0.3 |
| 6 | ☐ | 500.000 | 512.245 | 1389840.92 | 0.1091 | P | 0.7 |
| 7 | ☐ | 1000.000 | 989.283 | 2702177.66 | 0.2103 | A | 1.2 |
| 8 | ☐ | | | 5628.37 | 0.0005 | P | 2.5 |

y = 2.1216E-004 * x + 3.9008E-004
R = 0.9998
DL = 0.2461
BEC = 1.839

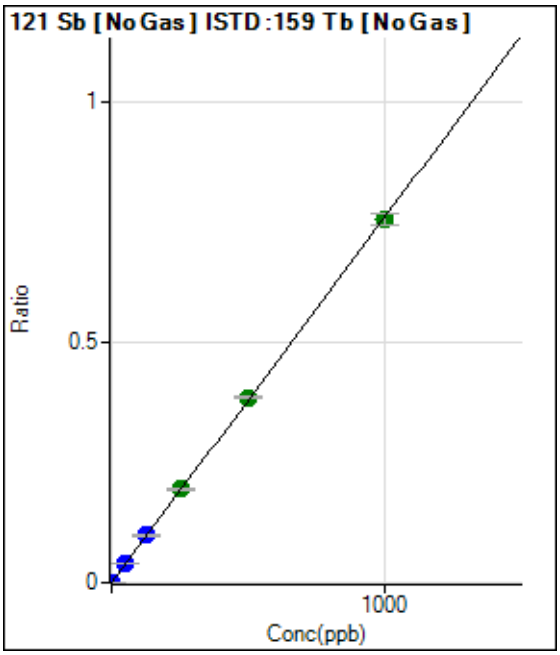
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1583.46 | 0.0001 | P | 4.7 |
| 2 | ☐ | 5.000 | 5.235 | 45316.40 | 0.0036 | P | 0.4 |
| 3 | ☐ | 50.000 | 53.412 | 453330.70 | 0.0353 | P | 0.9 |
| 4 | ☐ | 125.000 | 130.331 | 1104555.76 | 0.0859 | P | 1.9 |
| 5 | ☐ | 250.000 | 258.283 | 2184743.58 | 0.1701 | A | 1.2 |
| 6 | ☐ | 500.000 | 502.761 | 4217481.34 | 0.3310 | A | 2.0 |
| 7 | ☐ | 1000.000 | 995.711 | 8421511.21 | 0.6554 | A | 2.4 |
| 8 | ☐ | | | 9356.06 | 0.0008 | P | 3.1 |

y = 6.5811E-004 * x + 1.2681E-004
R = 1.0000
DL = 0.02721
BEC = 0.1927

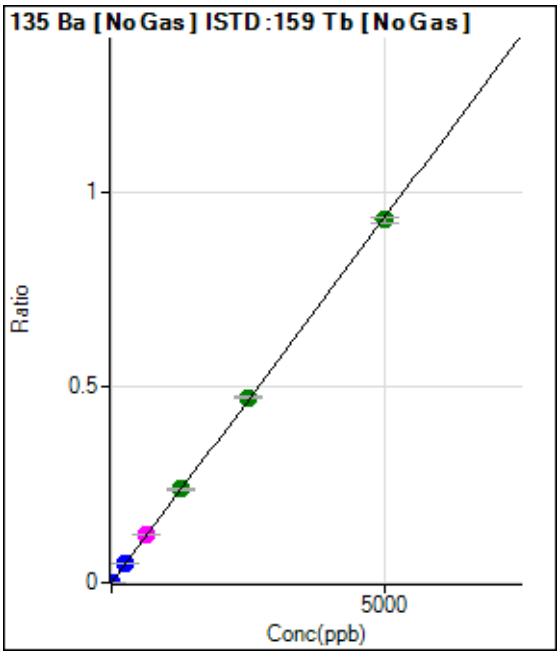
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 108.34 | 0.0000 | P | 53.4 |
| 2 | ☐ | 2.000 | 2.105 | 20373.27 | 0.0016 | P | 2.1 |
| 3 | ☐ | 50.000 | 53.097 | 517847.43 | 0.0403 | P | 1.2 |
| 4 | ☐ | 125.000 | 130.290 | 1271374.83 | 0.0989 | P | 2.0 |
| 5 | ☐ | 250.000 | 255.623 | 2491387.62 | 0.1940 | A | 0.4 |
| 6 | ☐ | 500.000 | 507.791 | 4910058.44 | 0.3853 | A | 1.0 |
| 7 | ☐ | 1000.000 | 993.883 | 9689986.33 | 0.7542 | A | 3.1 |
| 8 | ☐ | | | 9845.31 | 0.0008 | P | 2.0 |

y = 7.5880E-004 * x + 8.6457E-006
R = 0.9999
DL = 0.01824
BEC = 0.01139

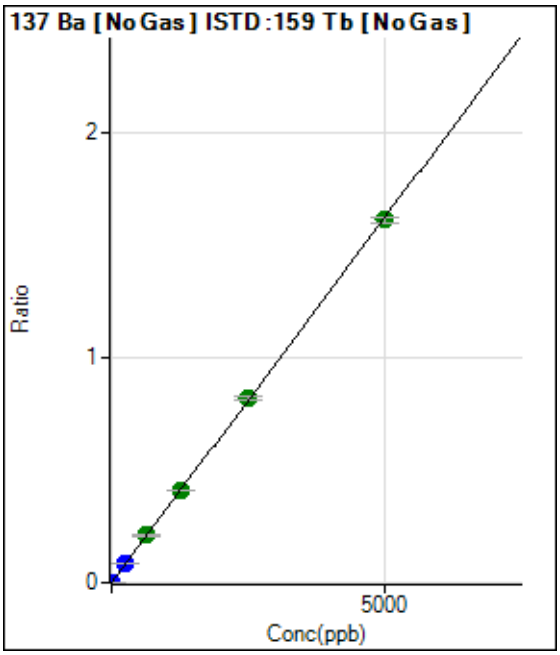
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 77.78 | 0.0000 | P | 23.4 |
| 2 | ☐ | 10.000 | 10.284 | 24463.15 | 0.0019 | P | 1.2 |
| 3 | ☐ | 250.000 | 261.804 | 628904.04 | 0.0489 | P | 1.0 |
| 4 | ☐ | 625.000 | 653.221 | 1570078.54 | 0.1221 | M | 1.3 |
| 5 | ☐ | 1250.000 | 1280.392 | 3073668.32 | 0.2393 | A | 1.2 |
| 6 | ☐ | 2500.000 | 2538.587 | 6045937.81 | 0.4745 | A | 1.4 |
| 7 | ☐ | 5000.000 | 4968.990 | 11934411.98 | 0.9287 | A | 1.6 |
| 8 | ☐ | | | 4867.65 | 0.0004 | P | 3.4 |

y = 1.8690E-004 * x + 6.2202E-006
R = 0.9999
DL = 0.0234
BEC = 0.03328

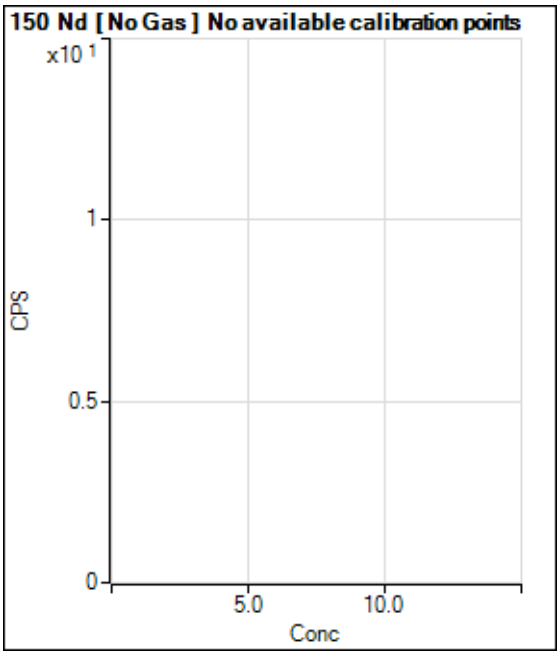
Weight: <None>
Min Conc: 0



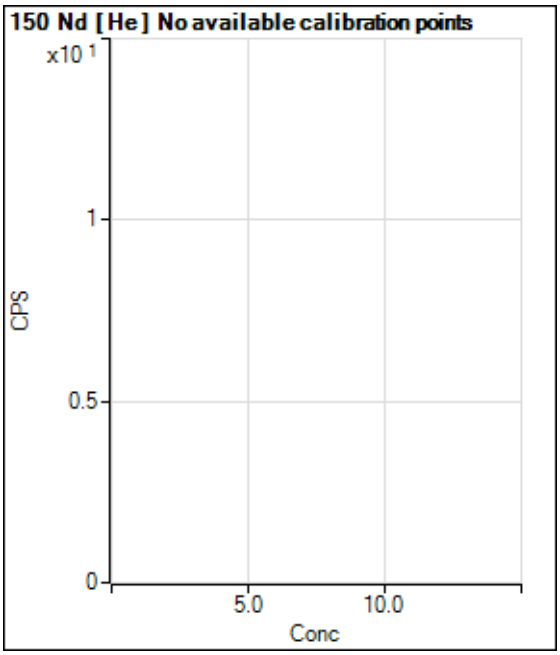

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 113.89 | 0.0000 | P | 22.7 |
| 2 | ☐ | 10.000 | 10.286 | 42391.48 | 0.0033 | P | 1.4 |
| 3 | ☐ | 250.000 | 264.216 | 1100018.49 | 0.0856 | P | 1.2 |
| 4 | ☐ | 625.000 | 651.310 | 2713582.42 | 0.2110 | A | 1.7 |
| 5 | ☐ | 1250.000 | 1272.483 | 5294700.25 | 0.4122 | A | 0.6 |
| 6 | ☐ | 2500.000 | 2534.338 | 10461853.36 | 0.8210 | A | 1.4 |
| 7 | ☐ | 5000.000 | 4973.210 | 20703731.02 | 1.6111 | A | 1.3 |
| 8 | ☐ | | | 8625.01 | 0.0007 | P | 3.3 |

y = 3.2396E-004 * x + 9.1316E-006
R = 0.9999
DL = 0.01917
BEC = 0.02819

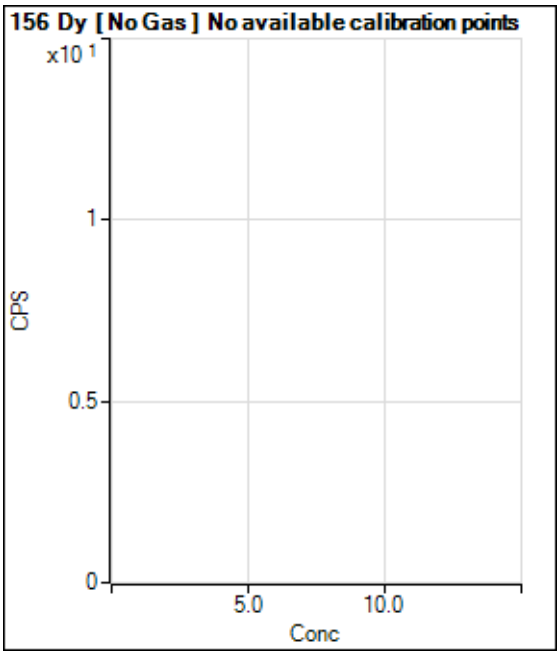
Weight: <None>
Min Conc: 0



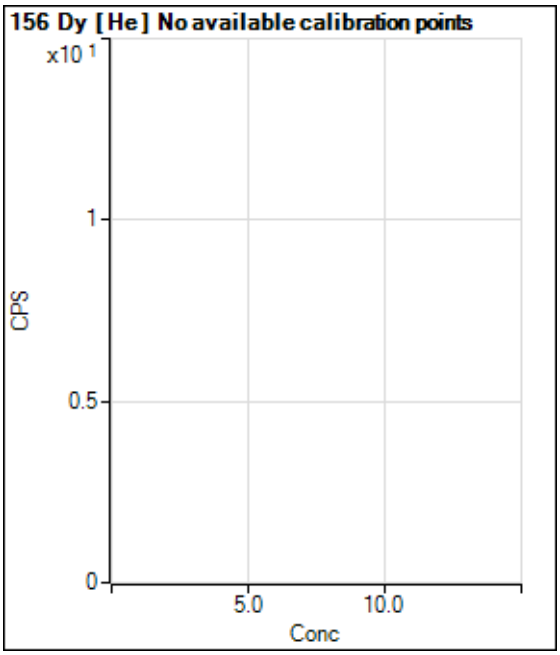

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.89 | | P | 86.6 |
| 2 | ☐ | | | 4.44 | | P | 173. |
| 3 | ☐ | | | 66.67 | | P | 10.0 |
| 4 | ☐ | | | 131.12 | | P | 15.5 |
| 5 | ☐ | | | 222.23 | | P | 4.6 |
| 6 | ☐ | | | 420.02 | | P | 20.6 |
| 7 | ☐ | | | 762.26 | | P | 10.9 |
| 8 | ☐ | | | 111.11 | | P | 12.5 |



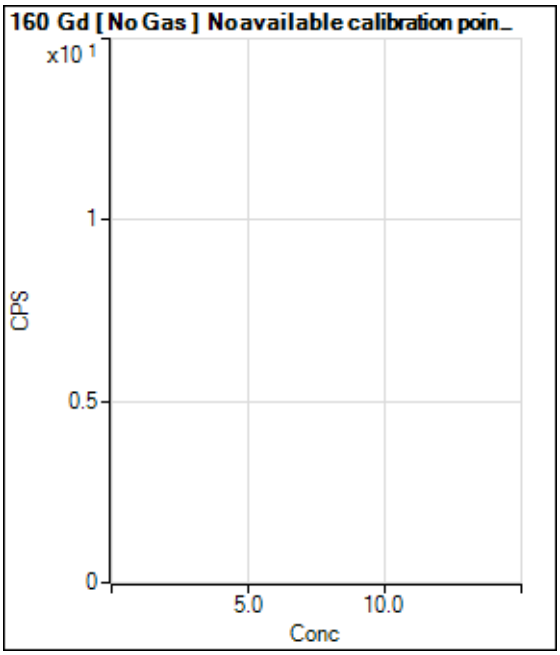

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7.78 | | P | 65.5 |
| 2 | ☐ | | | 14.44 | | P | 70.5 |
| 3 | ☐ | | | 16.67 | | P | 40.0 |
| 4 | ☐ | | | 22.22 | | P | 82.6 |
| 5 | ☐ | | | 40.00 | | P | 14.4 |
| 6 | ☐ | | | 72.22 | | P | 20.8 |
| 7 | ☐ | | | 143.34 | | P | 2.3 |
| 8 | ☐ | | | 83.33 | | P | 17.4 |



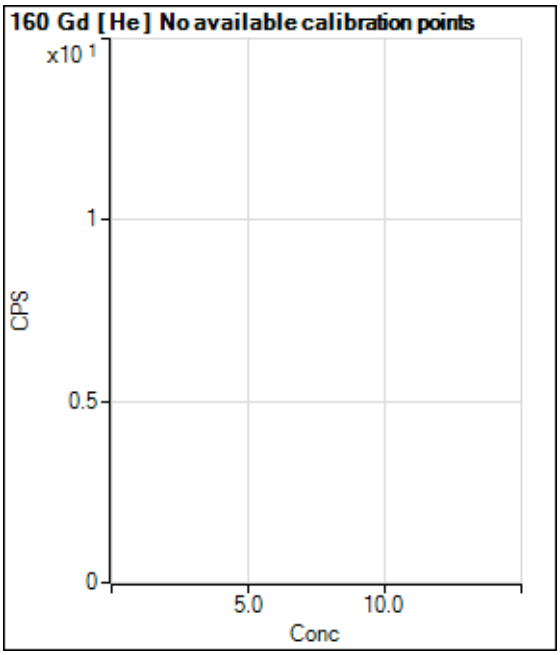

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.33 | | P | 0.0 |
| 2 | ☐ | | | 25.00 | | P | 66.7 |
| 3 | ☐ | | | 41.67 | | P | 40.0 |
| 4 | ☐ | | | 88.89 | | P | 23.6 |
| 5 | ☐ | | | 152.78 | | P | 12.6 |
| 6 | ☐ | | | 286.12 | | P | 6.1 |
| 7 | ☐ | | | 386.13 | | P | 3.3 |
| 8 | ☐ | | | 1288.98 | | P | 4.4 |



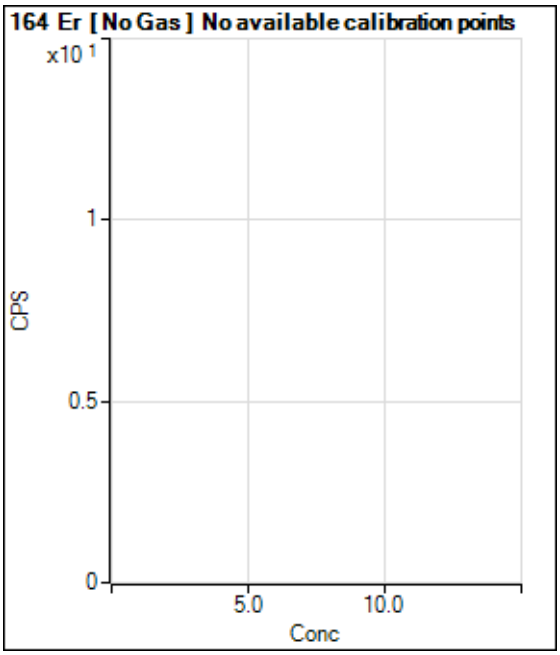

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 5.56 | | P | 34.7 |
| 2 | ☐ | | | 13.33 | | P | 25.0 |
| 3 | ☐ | | | 36.67 | | P | 48.1 |
| 4 | ☐ | | | 67.78 | | P | 32.0 |
| 5 | ☐ | | | 131.11 | | P | 18.0 |
| 6 | ☐ | | | 223.34 | | P | 6.5 |
| 7 | ☐ | | | 482.24 | | P | 15.8 |
| 8 | ☐ | | | 742.25 | | P | 0.3 |



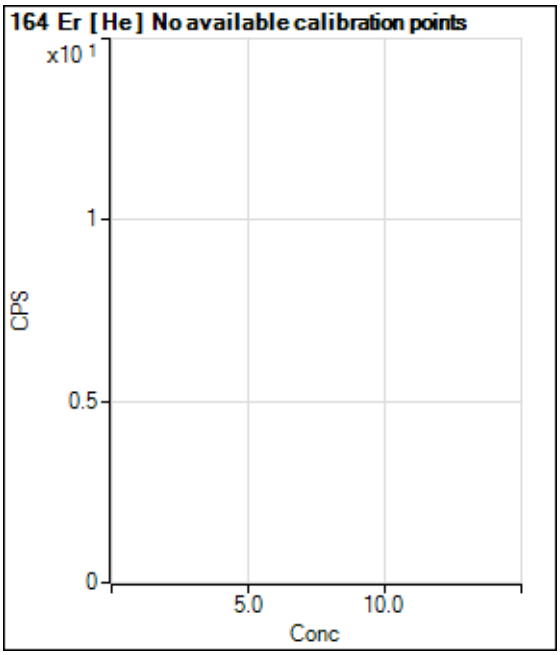

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 125.00 | | P | 0.0 |
| 2 | ☐ | | | 108.33 | | P | 13.3 |
| 3 | ☐ | | | 144.45 | | P | 52.4 |
| 4 | ☐ | | | 125.01 | | P | 43.7 |
| 5 | ☐ | | | 138.89 | | P | 22.7 |
| 6 | ☐ | | | 166.67 | | P | 18.0 |
| 7 | ☐ | | | 291.68 | | P | 14.8 |
| 8 | ☐ | | | 936.17 | | P | 5.7 |



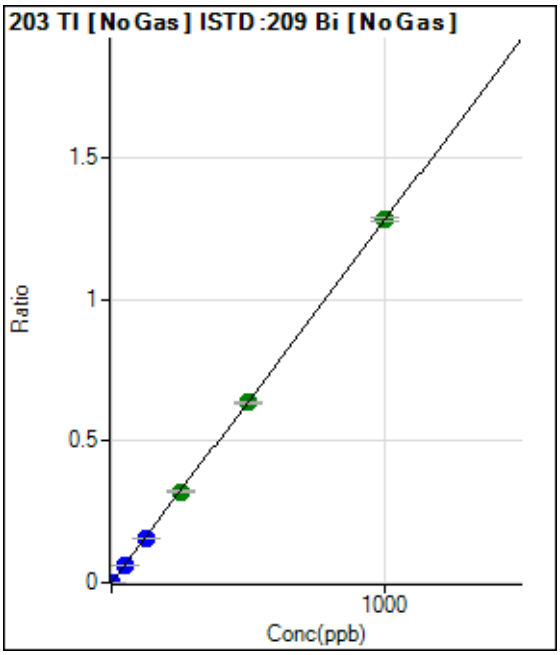

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 264.45 | | P | 3.9 |
| 2 | ☐ | | | 275.56 | | P | 7.3 |
| 3 | ☐ | | | 256.67 | | P | 19.7 |
| 4 | ☐ | | | 264.45 | | P | 5.1 |
| 5 | ☐ | | | 275.56 | | P | 1.4 |
| 6 | ☐ | | | 342.23 | | P | 1.5 |
| 7 | ☐ | | | 335.57 | | P | 10.7 |
| 8 | ☐ | | | 722.25 | | P | 6.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 119.45 | | P | 40.9 |
| 2 | ☐ | | | 102.78 | | P | 16.9 |
| 3 | ☐ | | | 100.01 | | P | 30.0 |
| 4 | ☐ | | | 113.89 | | P | 52.9 |
| 5 | ☐ | | | 127.78 | | P | 57.0 |
| 6 | ☐ | | | 97.22 | | P | 26.2 |
| 7 | ☐ | | | 113.89 | | P | 22.4 |
| 8 | ☐ | | | 100.00 | | P | 16.7 |



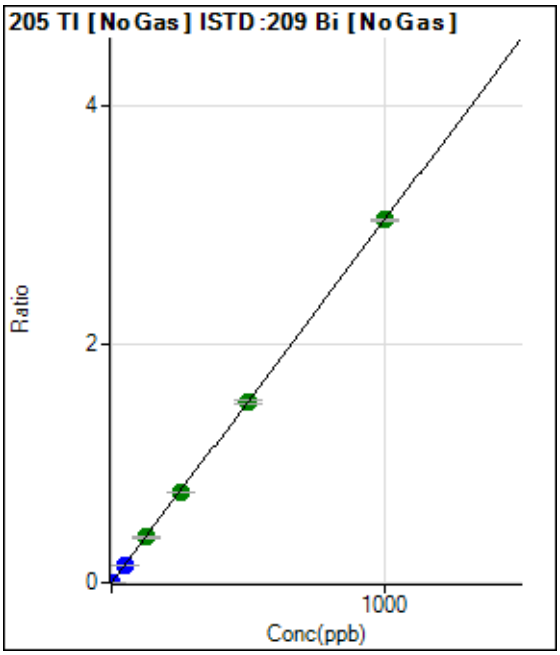

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 57.78 | | P | 27.3 |
| 2 | ☐ | | | 57.78 | | P | 20.3 |
| 3 | ☐ | | | 65.55 | | P | 34.6 |
| 4 | ☐ | | | 73.34 | | P | 29.8 |
| 5 | ☐ | | | 57.78 | | P | 37.1 |
| 6 | ☐ | | | 88.89 | | P | 5.7 |
| 7 | ☐ | | | 74.44 | | P | 6.8 |
| 8 | ☐ | | | 82.23 | | P | 32.8 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1250.09 | 0.0002 | P | 2.9 |
| 2 | ☐ | 1.000 | 0.946 | 11313.29 | 0.0014 | P | 0.7 |
| 3 | ☐ | 50.000 | 48.545 | 522487.61 | 0.0624 | P | 1.8 |
| 4 | ☐ | 125.000 | 121.980 | 1316023.62 | 0.1564 | P | 0.8 |
| 5 | ☐ | 250.000 | 251.075 | 2665804.73 | 0.3218 | A | 1.3 |
| 6 | ☐ | 500.000 | 497.171 | 5251376.11 | 0.6371 | A | 0.9 |
| 7 | ☐ | 1000.000 | 1001.596 | 10472032.09 | 1.2834 | A | 1.2 |
| 8 | ☐ | | | 5484.58 | 0.0008 | P | 5.7 |

y = 0.0013 * x + 1.5371E-004
R = 1.0000
DL = 0.01032
BEC = 0.12

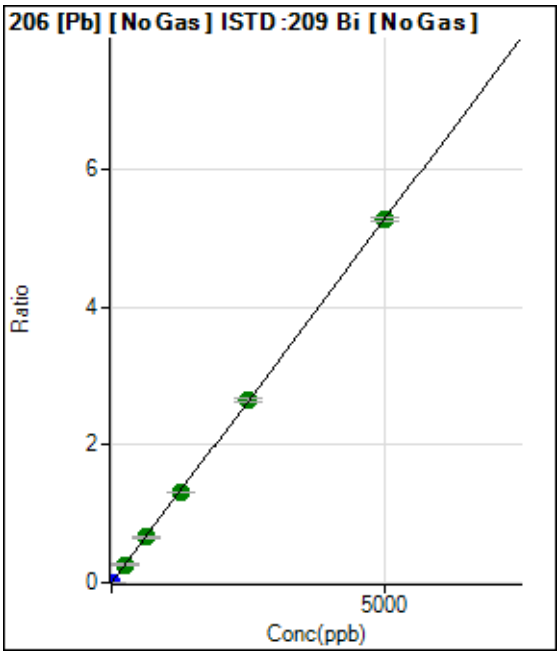
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3025.43 | 0.0004 | P | 3.4 |
| 2 | ☐ | 1.000 | 0.949 | 27005.01 | 0.0033 | P | 0.5 |
| 3 | ☐ | 50.000 | 48.410 | 1237503.71 | 0.1477 | P | 1.1 |
| 4 | ☐ | 125.000 | 124.774 | 3196858.88 | 0.3800 | A | 1.1 |
| 5 | ☐ | 250.000 | 249.237 | 6284139.46 | 0.7587 | A | 1.5 |
| 6 | ☐ | 500.000 | 500.072 | 12541622.33 | 1.5219 | A | 2.1 |
| 7 | ☐ | 1000.000 | 1000.262 | 24836227.29 | 3.0438 | A | 0.7 |
| 8 | ☐ | | | 12923.09 | 0.0018 | P | 2.7 |

y = 0.0030 * x + 3.7202E-004
R = 1.0000
DL = 0.01244
BEC = 0.1223

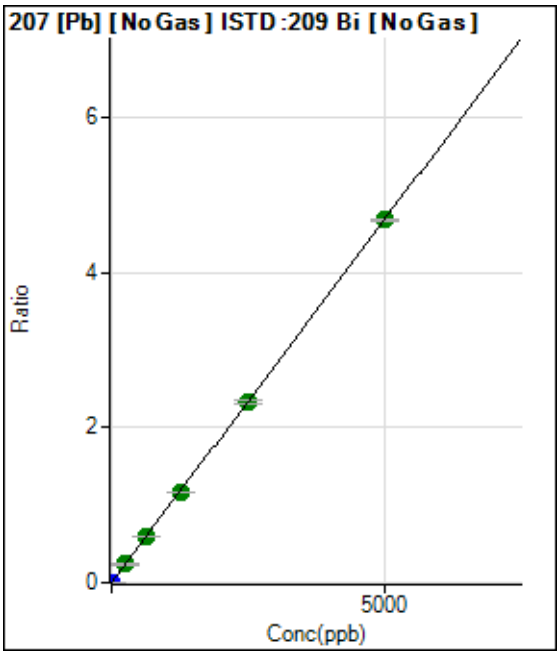
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 329.64 | 0.0000 | P | 13.5 |
| 2 | ☐ | 1.000 | 0.975 | 8853.04 | 0.0011 | P | 5.1 |
| 3 | ☐ | 250.000 | 250.484 | 2213486.75 | 0.2641 | A | 1.1 |
| 4 | ☐ | 625.000 | 625.368 | 5546747.12 | 0.6593 | A | 1.6 |
| 5 | ☐ | 1250.000 | 1243.708 | 10860627.44 | 1.3112 | A | 0.7 |
| 6 | ☐ | 2500.000 | 2515.161 | 21852222.25 | 2.6517 | A | 2.1 |
| 7 | ☐ | 5000.000 | 4993.922 | 42959805.13 | 5.2649 | A | 1.0 |
| 8 | ☐ | | | 9540.50 | 0.0013 | P | 1.8 |

y = 0.0011 * x + 4.0503E-005
R = 1.0000
DL = 0.01559
BEC = 0.03842

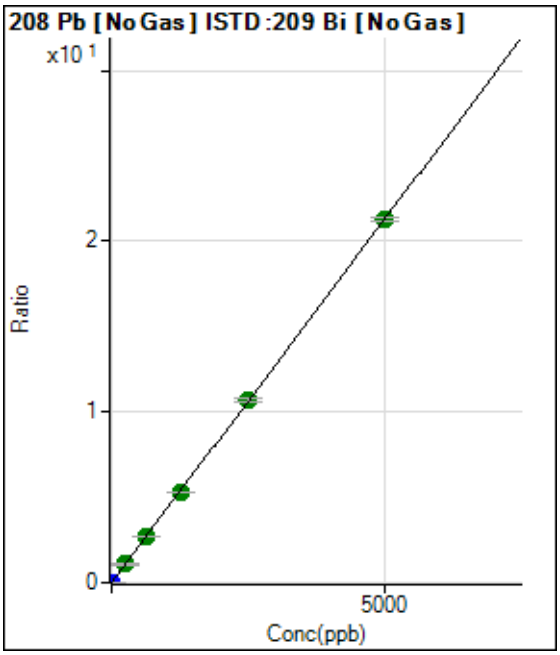
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 300.01 | 0.0000 | P | 20.4 |
| 2 | ☐ | 1.000 | 0.929 | 7517.02 | 0.0009 | P | 3.6 |
| 3 | ☐ | 250.000 | 251.903 | 1976750.59 | 0.2359 | A | 2.6 |
| 4 | ☐ | 625.000 | 625.175 | 4925261.86 | 0.5855 | A | 0.7 |
| 5 | ☐ | 1250.000 | 1251.701 | 9708808.78 | 1.1722 | A | 0.3 |
| 6 | ☐ | 2500.000 | 2502.344 | 19310783.77 | 2.3433 | A | 2.1 |
| 7 | ☐ | 5000.000 | 4998.286 | 38191998.54 | 4.6805 | A | 0.6 |
| 8 | ☐ | | | 8280.42 | 0.0011 | P | 3.0 |

y = 9.3642E-004 * x + 3.6952E-005
R = 1.0000
DL = 0.02412
BEC = 0.03946

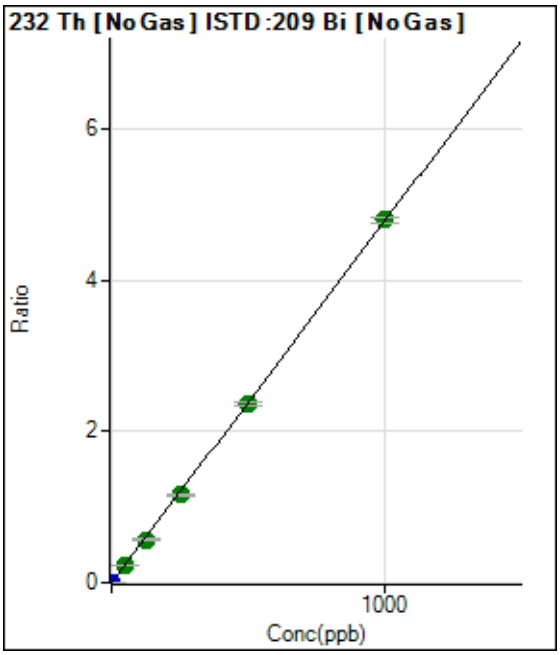
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1301.90 | 0.0002 | P | 3.4 |
| 2 | ☐ | 1.000 | 0.944 | 34606.59 | 0.0042 | P | 3.2 |
| 3 | ☐ | 250.000 | 251.796 | 8979627.96 | 1.0715 | A | 1.0 |
| 4 | ☐ | 625.000 | 625.061 | 22373710.39 | 2.6596 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1247.978 | 43980435.59 | 5.3098 | A | 0.2 |
| 6 | ☐ | 2500.000 | 2511.108 | 88048128.36 | 10.6840 | A | 1.9 |
| 7 | ☐ | 5000.000 | 4994.854 | 173402144.62 | 21.2513 | A | 1.0 |
| 8 | ☐ | | | 38065.83 | 0.0053 | P | 1.4 |

y = 0.0043 * x + 1.6009E-004
R = 1.0000
DL = 0.003858
BEC = 0.03763

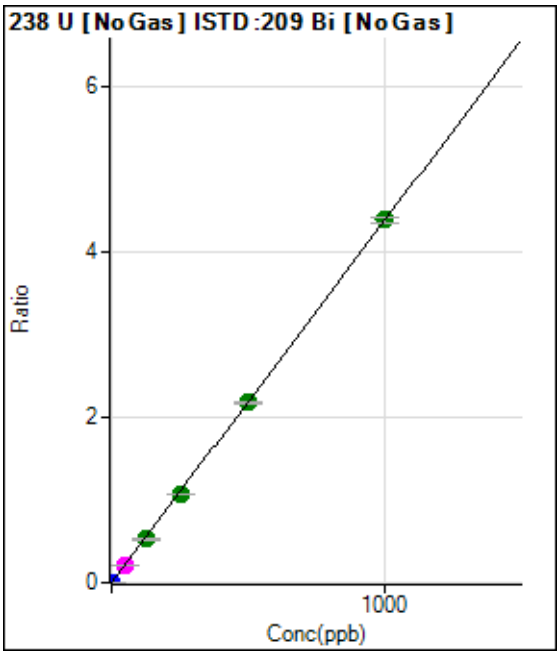
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 538.91 | 0.0001 | P | 18.6 |
| 2 | ☐ | 1.000 | 0.853 | 34308.89 | 0.0041 | P | 0.7 |
| 3 | ☐ | 50.000 | 47.595 | 1905208.16 | 0.2273 | A | 1.1 |
| 4 | ☐ | 125.000 | 119.401 | 4796939.11 | 0.5702 | A | 1.5 |
| 5 | ☐ | 250.000 | 243.086 | 9614951.49 | 1.1608 | A | 1.4 |
| 6 | ☐ | 500.000 | 495.827 | 19513490.94 | 2.3677 | A | 1.3 |
| 7 | ☐ | 1000.000 | 1004.635 | 39142249.48 | 4.7972 | A | 1.9 |
| 8 | ☐ | | | 3265.27 | 0.0005 | P | 6.7 |

y = 0.0048 * x + 6.6285E-005
R = 1.0000
DL = 0.007755
BEC = 0.01388

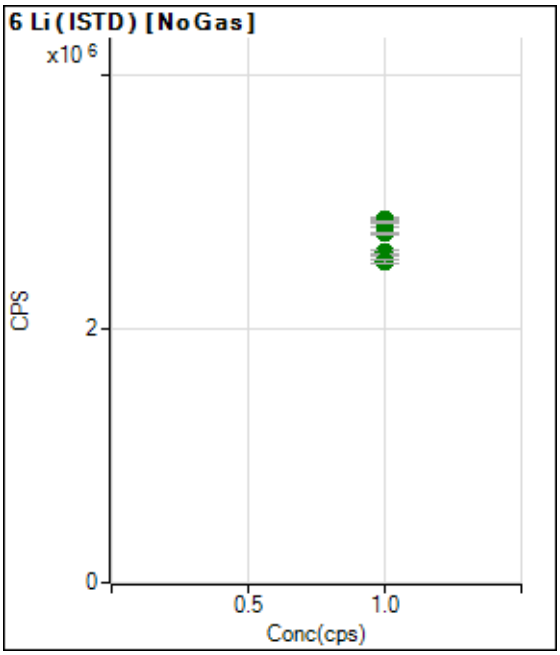
Weight: <None>
Min Conc: 0



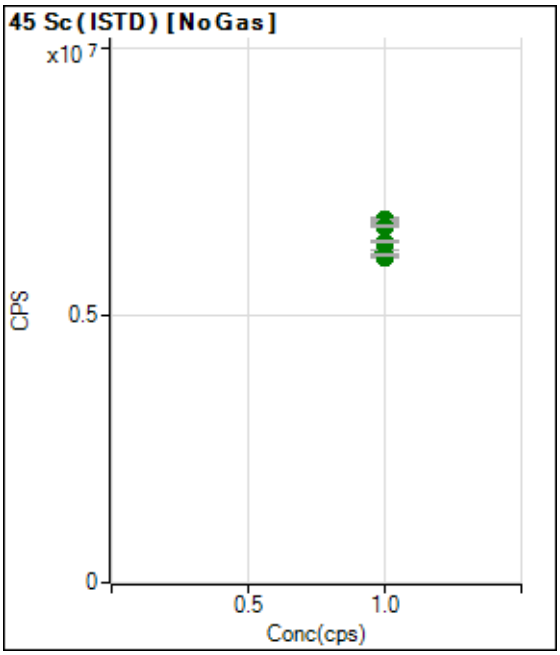

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 197.23 | 0.0000 | P | 17.7 |
| 2 | ☐ | 1.000 | 0.906 | 33005.47 | 0.0040 | P | 1.2 |
| 3 | ☐ | 50.000 | 46.921 | 1718906.30 | 0.2051 | M | 1.8 |
| 4 | ☐ | 125.000 | 119.799 | 4404189.03 | 0.5235 | A | 1.2 |
| 5 | ☐ | 250.000 | 245.398 | 8882517.73 | 1.0724 | A | 0.5 |
| 6 | ☐ | 500.000 | 498.407 | 17951541.89 | 2.1780 | A | 1.2 |
| 7 | ☐ | 1000.000 | 1002.751 | 35754690.04 | 4.3820 | A | 1.4 |
| 8 | ☐ | | | 3117.11 | 0.0004 | P | 3.8 |

y = 0.0044 * x + 2.4289E-005
R = 1.0000
DL = 0.002949
BEC = 0.005558

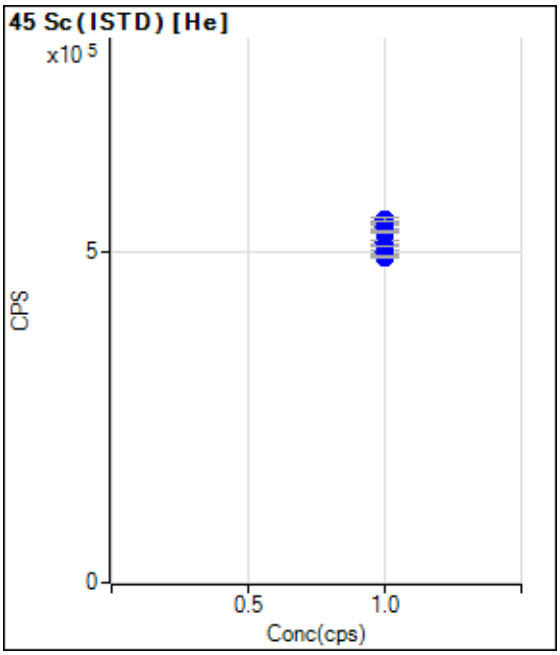
Weight: <None>
Min Conc: 0



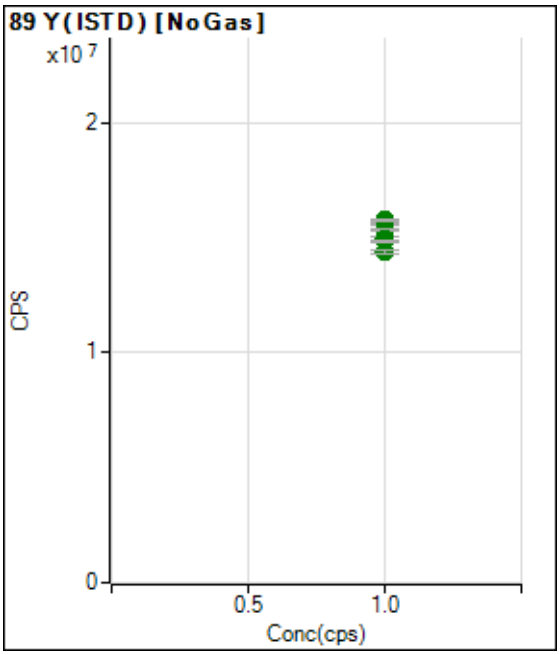

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2827249.58 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 2857691.62 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 2854238.12 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 2839974.19 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 2750226.59 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 2609855.34 | | A | 1.4 |
| 7 | ☐ | 1.000 | | 2579670.45 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 2531075.33 | | A | 1.7 |



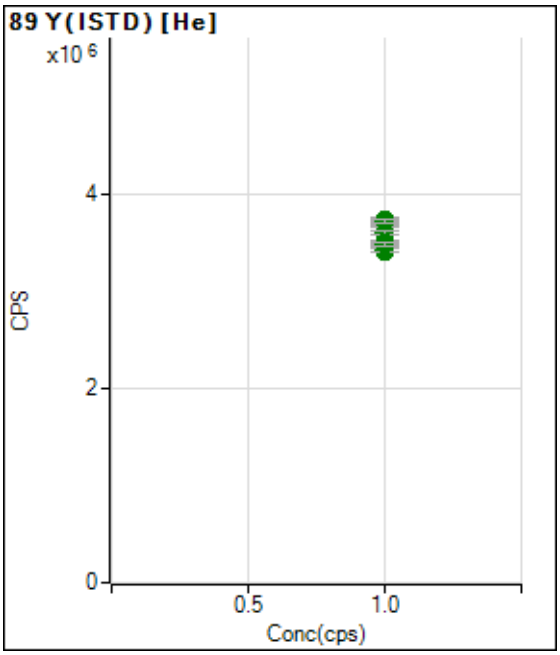

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6757723.51 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 6788661.91 | | A | 1.5 |
| 3 | ☐ | 1.000 | | 6790749.76 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 6674896.15 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 6386530.11 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 6177721.50 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 6094478.24 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 6136581.02 | | A | 0.8 |



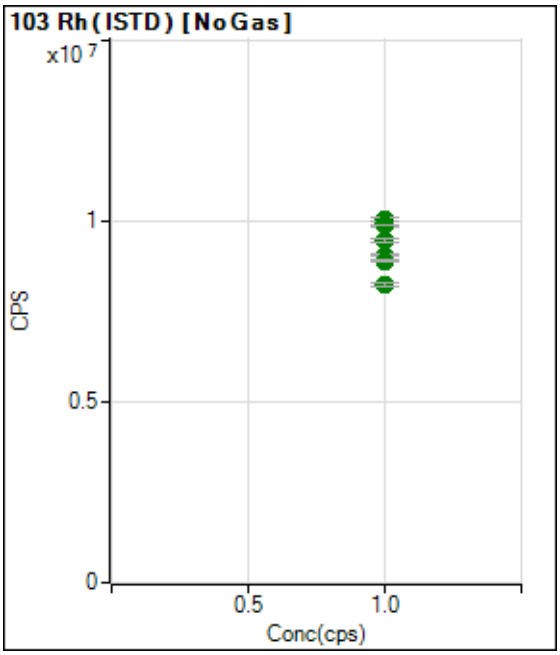

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 535494.57 | | P | 1.3 |
| 2 | ☐ | 1.000 | | 541537.00 | | P | 0.1 |
| 3 | ☐ | 1.000 | | 546885.34 | | P | 1.1 |
| 4 | ☐ | 1.000 | | 528904.95 | | P | 0.6 |
| 5 | ☐ | 1.000 | | 513080.44 | | P | 1.0 |
| 6 | ☐ | 1.000 | | 498499.50 | | P | 0.7 |
| 7 | ☐ | 1.000 | | 491242.63 | | P | 0.8 |
| 8 | ☐ | 1.000 | | 506491.23 | | P | 0.1 |



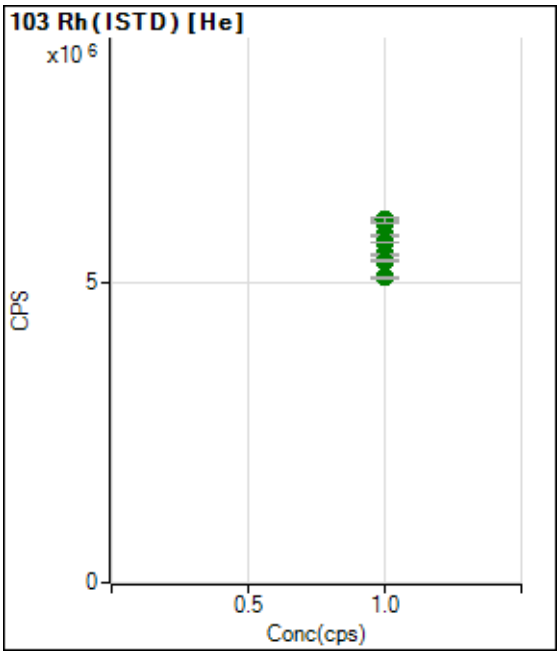

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15624048.52 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 15671476.43 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 15762821.85 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 15748334.90 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 15297840.19 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 14955351.31 | | A | 0.9 |
| 7 | ☐ | 1.000 | | 14833042.70 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 14401094.09 | | A | 1.1 |



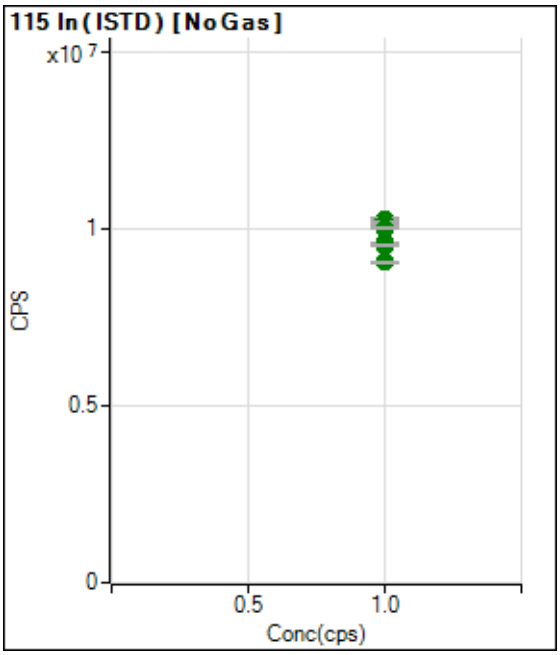

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3670770.15 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 3732701.44 | | A | 1.0 |
| 3 | ☐ | 1.000 | | 3720062.00 | | A | 1.4 |
| 4 | ☐ | 1.000 | | 3598264.36 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 3508320.78 | | A | 1.0 |
| 6 | ☐ | 1.000 | | 3425115.40 | | A | 1.1 |
| 7 | ☐ | 1.000 | | 3401613.28 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 3488236.72 | | A | 1.0 |



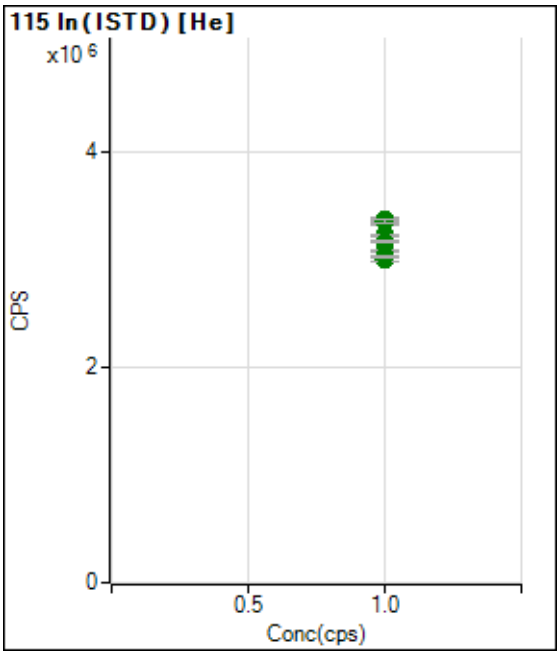

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 9959150.06 | | A | 1.6 |
| 2 | ☐ | 1.000 | | 9923130.27 | | A | 1.5 |
| 3 | ☐ | 1.000 | | 10052226.31 | | A | 1.2 |
| 4 | ☐ | 1.000 | | 9926469.57 | | A | 0.1 |
| 5 | ☐ | 1.000 | | 9480797.36 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 9062232.23 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 8921731.88 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 8267297.45 | | A | 1.6 |



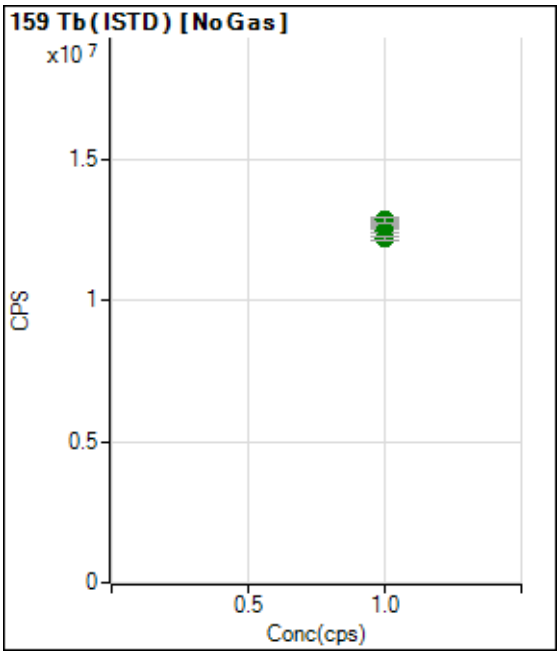

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6005448.73 | | A | 0.6 |
| 2 | ☐ | 1.000 | | 6046176.37 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 6040907.13 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 5786358.45 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 5677374.77 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 5464682.56 | | A | 0.4 |
| 7 | ☐ | 1.000 | | 5363336.79 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 5080061.07 | | A | 0.2 |



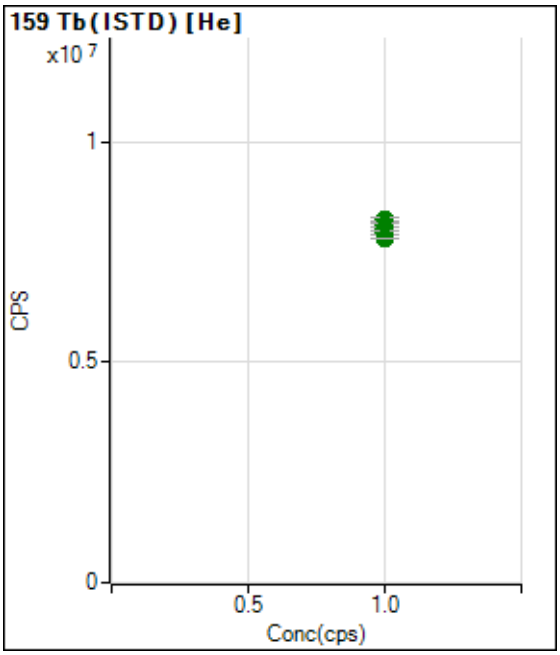

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10150102.21 | | A | 1.8 |
| 2 | ☐ | 1.000 | | 10205370.36 | | A | 1.7 |
| 3 | ☐ | 1.000 | | 10247261.88 | | A | 1.9 |
| 4 | ☐ | 1.000 | | 10173607.45 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 10006080.14 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 9590500.12 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 9524801.73 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 9049047.22 | | A | 0.2 |



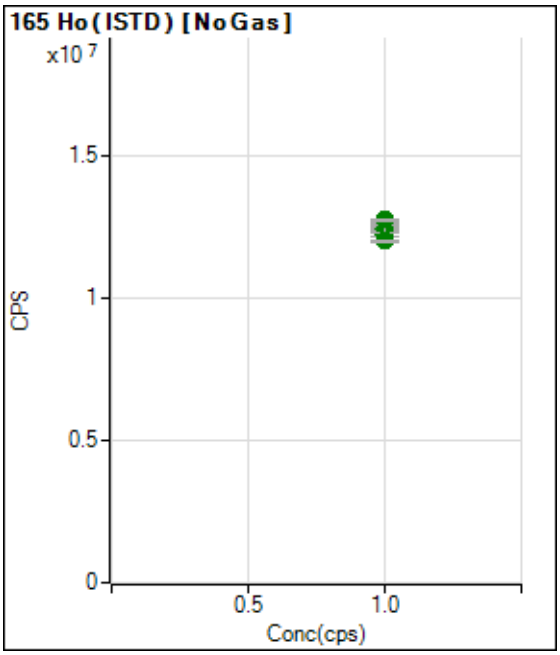

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3372769.68 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 3360987.93 | | A | 1.6 |
| 3 | ☐ | 1.000 | | 3363346.68 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 3230217.03 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 3170915.92 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 3082258.89 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 3006390.54 | | A | 1.5 |
| 8 | ☐ | 1.000 | | 3031430.48 | | A | 0.7 |



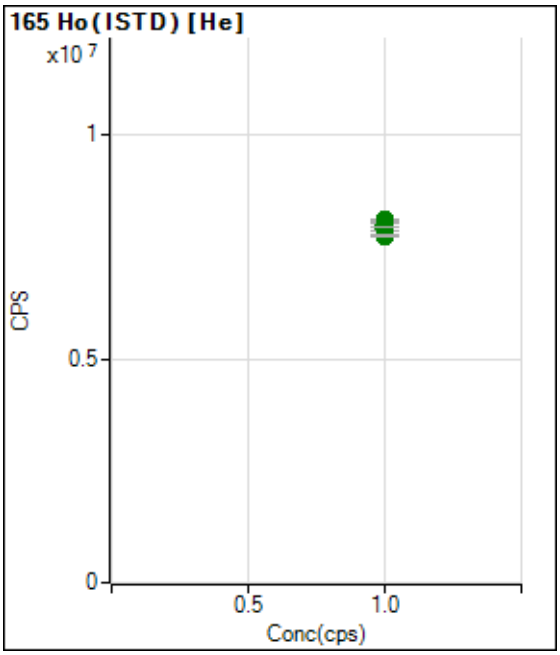

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 12481697.59 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 12686742.59 | | A | 1.0 |
| 3 | ☐ | 1.000 | | 12851592.03 | | A | 1.7 |
| 4 | ☐ | 1.000 | | 12860204.25 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 12843837.03 | | A | 0.3 |
| 6 | ☐ | 1.000 | | 12743511.48 | | A | 1.1 |
| 7 | ☐ | 1.000 | | 12851692.17 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 12218362.73 | | A | 0.9 |



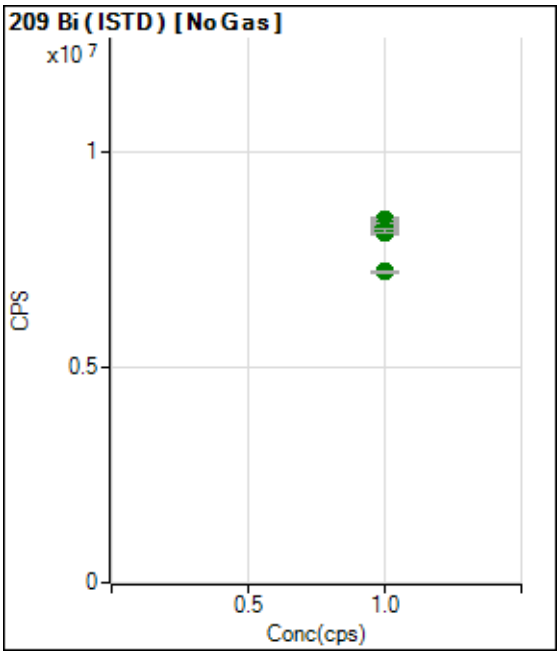

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7941894.74 | | A | 0.9 |
| 2 | ☐ | 1.000 | | 8163926.55 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 8226247.45 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 8111551.34 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 8032525.02 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 7975486.75 | | A | 0.4 |
| 7 | ☐ | 1.000 | | 7979868.21 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 7798839.12 | | A | 0.2 |



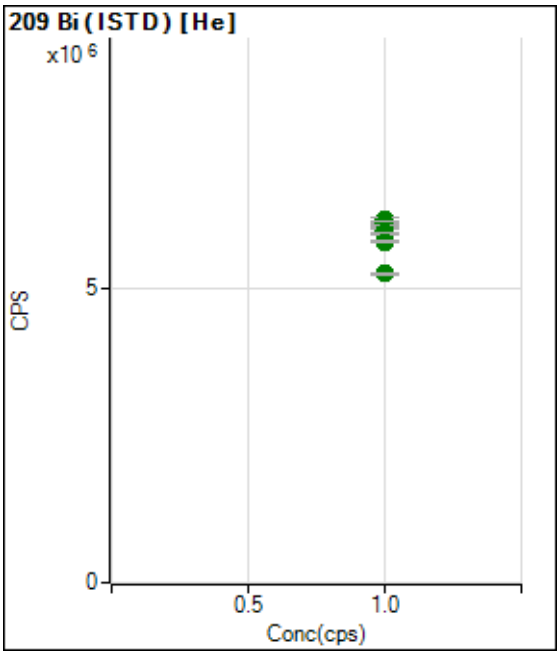

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 12212164.26 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 12406632.17 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 12592337.59 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 12609500.64 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 12528698.98 | | A | 1.7 |
| 6 | ☐ | 1.000 | | 12408722.87 | | A | 2.0 |
| 7 | ☐ | 1.000 | | 12735716.75 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 12006506.35 | | A | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7886134.26 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 8063617.17 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 8103560.50 | | A | 0.2 |
| 4 | ☐ | 1.000 | | 8025211.69 | | A | 1.5 |
| 5 | ☐ | 1.000 | | 7884806.13 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 7983450.78 | | A | 0.9 |
| 7 | ☐ | 1.000 | | 7933950.58 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 7752674.12 | | A | 1.1 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8135147.10 | | A | 1.6 |
| 2 | ☐ | 1.000 | | 8285340.36 | | A | 1.0 |
| 3 | ☐ | 1.000 | | 8382039.87 | | A | 2.3 |
| 4 | ☐ | 1.000 | | 8412432.24 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 8282884.60 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 8242980.99 | | A | 1.8 |
| 7 | ☐ | 1.000 | | 8159878.56 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 7216179.33 | | A | 0.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6000356.23 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 6114808.31 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 6150043.03 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 6085151.23 | | A | 1.5 |
| 5 | ☐ | 1.000 | | 5976137.97 | | A | 2.7 |
| 6 | ☐ | 1.000 | | 5930670.74 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 5777855.12 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 5234856.14 | | A | 0.7 |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P7051522MS1.b |
| **Acq. Date-Time** | 2022-05-15 15:20:17 |
| **Report Comment** | --- |
| **Instrument Name** | G8403A JP14410463 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | | 11315 | 113146.42 | | | 0.716 | 5.000 |
| 24 | | 99476 | 994757.05 | | | 0.572 | 5.000 |
| 25 | | 13571 | 135713.51 | | | 0.899 | 5.000 |
| 26 | | 15500 | 155002.96 | | | 0.852 | 5.000 |
| 59 | | 28343 | 283434.19 | | | 0.568 | 5.000 |
| 113 | | 13494 | 134940.33 | | | 0.551 | 5.000 |
| 115 | | 37779 | 377788.91 | | | 0.971 | 5.000 |
| 206 | | 18821 | 188208.73 | | | 0.852 | 5.000 |
| 207 | | 15901 | 159011.33 | | | 1.147 | 5.000 |
| 208 | | 38732 | 387317.01 | | | 0.906 | 5.000 |
| 220 | | 0 | 2.50 | | | 48.990 | |

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

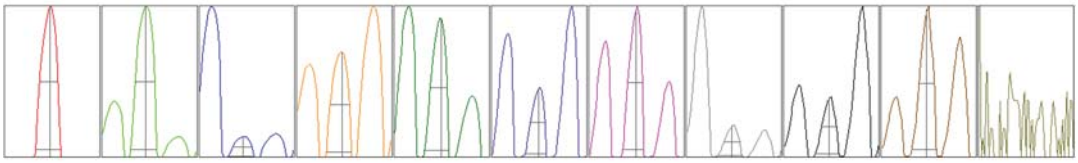
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 11294 | 11437 | 11339 | 11283 | 11219 |
| 24 | 99715 | 100154 | 99640 | 99224 | 98646 |
| 25 | 13685 | 13685 | 13562 | 13532 | 13393 |
| 26 | 15598 | 15594 | 15524 | 15512 | 15275 |
| 59 | 28488 | 28433 | 28420 | 28289 | 28087 |
| 113 | 13503 | 13612 | 13480 | 13466 | 13409 |
| 115 | 38080 | 38208 | 37749 | 37522 | 37336 |
| 206 | 18893 | 18957 | 18859 | 18851 | 18544 |
| 207 | 16091 | 16025 | 15962 | 15775 | 15652 |
| 208 | 38907 | 38847 | 39001 | 38783 | 38121 |

# 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 | 20618.19 | 8.95 | 8.90 - 9.10 | |
| 24 | 171257.26 | 23.90 | 23.90 - 24.10 | |
| 25 | 22828.60 | 24.90 | 24.90 - 25.10 | |
| 26 | 25991.27 | 25.95 | 25.90 - 26.10 | |
| 59 | 55018.11 | 59.00 | 58.90 - 59.10 | |
| 113 | 29731.50 | 113.00 | 112.90 - 113.10 | |
| 115 | 83206.59 | 115.00 | 114.90 - 115.10 | |
| 206 | 38512.42 | 205.95 | 205.90 - 206.10 | |
| 207 | 33145.04 | 206.95 | 206.90 - 207.10 | |
| 208 | 81975.20 | 207.95 | 207.90 - 208.10 | |
| 220 | | | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.58 | 0.785 | 0.900 | |
| 24 | 0.63 | 0.822 | 0.900 | |
| 25 | 0.62 | 0.788 | 0.900 | |
| 26 | 0.63 | 0.788 | 0.900 | |
| 59 | 0.53 | 0.765 | 0.900 | |
| 113 | 0.46 | 0.678 | 0.900 | |
| 115 | 0.46 | 0.676 | 0.900 | |
| 206 | 0.49 | 0.759 | 0.900 | |
| 207 | 0.48 | 0.743 | 0.900 | |
| 208 | 0.48 | 0.772 | 0.900 | |
| 220 | | | | |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

Plasma Mode --- Nebulizer Gas 0.73 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 | 0.0 V | Omega Lens | 9.0 V | Deflect | 14.4 V |
| Extract 2 | -155.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -70 V | Cell Exit | -50 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | --- | OctP RF | 190 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 1.0005 | QP Bias | -3.0 V |
| Mass Offset | 124 | Axis Offset | -0.07 | | |

**Hardware Settings**

**Torch**

| | | | |
|---|---|---|---|
| Torch H | -0.8 mm | Torch V | 1.0 mm |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.1 mV | Analog HV | 2170 V | Pulse HV | 1451 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 9575 | 95749.23 | | | 0.675 | |
| 89 | | 45667 | 456665.02 | | | 0.460 | |
| 205 | | 58689 | 586891.66 | | | 0.331 | |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 9594 | 9631 | 9552 | 9474 | 9624 |
| 89 | 45529 | 45948 | 45834 | 45484 | 45536 |
| 205 | 58846 | 58868 | 58749 | 58413 | 58570 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.73 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 | 0.0 V | Omega Lens | 8.4 V | Deflect | 3.4 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -135.0 V | Cell Entrance | -40 V | Plate Bias | -60 V |
| Omega Bias | -65 V | Cell Exit | -60 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | Yes | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 3.9 mL/min | OctP Bias | -18.0 V | | |
| H2 Flow | --- | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 1.0005 | QP Bias | -13.0 V |
| Mass Offset | 124 | Axis Offset | -0.07 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | -0.8 mm | Torch V | 1.0 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.1 mV | Analog HV | 2170 V | Pulse HV | 1451 V |