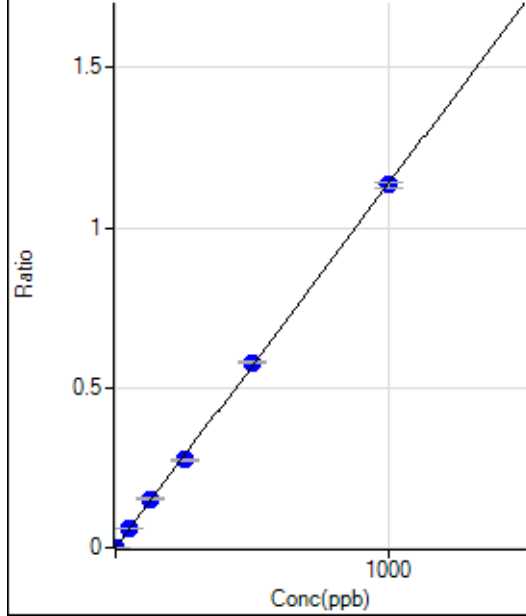


Calibration for 115CCV.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102024-MS2.b\  
Analysis File: P7102024-MS2.batch.bin  
DA Date-Time: 2024-10-21 00:03:20  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-10-20 16:36:40 |
| 2     | 005CALS.d          | S02         | 2024-10-20 16:40:09 |
| 3     | 006CALS.d          | S03         | 2024-10-20 16:43:41 |
| 4     | 007CALS.d          | S04         | 2024-10-20 16:47:09 |
| 5     | 013CALS.d          | S05         | 2024-10-20 17:19:09 |
| 6     | 014CALS.d          | S06         | 2024-10-20 17:22:27 |
| 7     | 015CALS.d          | S07         | 2024-10-20 17:25:39 |
| 8     | 016CALS.d          | S08         | 2024-10-20 17:28:42 |

**9 Be [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 32.22     | 0.0001 | P    | 46.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.046      | 304.45    | 0.0013 | P    | 6.3  |
| 3 | <input type="checkbox"/> | 50.000   | 53.955     | 13773.96  | 0.0615 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 125.000  | 133.793    | 33666.47  | 0.1523 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 250.000  | 240.767    | 63643.83  | 0.2740 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 507.868    | 130822.27 | 0.5777 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.077    | 252247.98 | 1.1341 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 408.90    | 0.0019 | P    | 13.8 |

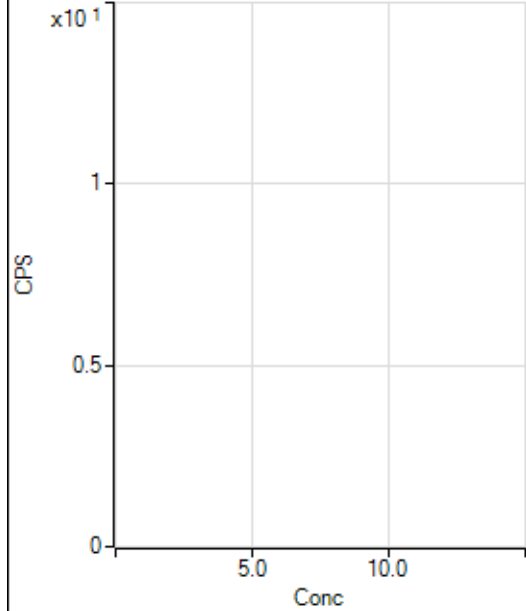
$$y = 0.0011 * x + 1.4296E-004$$

$$R = 0.9999$$

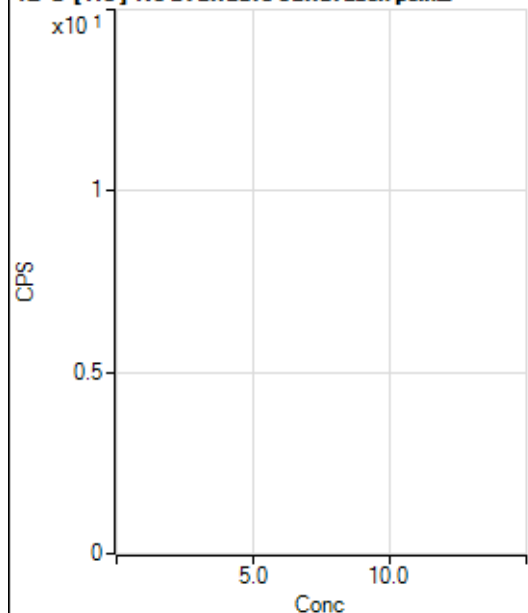
$$DL = 0.1768$$

Weight: &lt;None&gt;

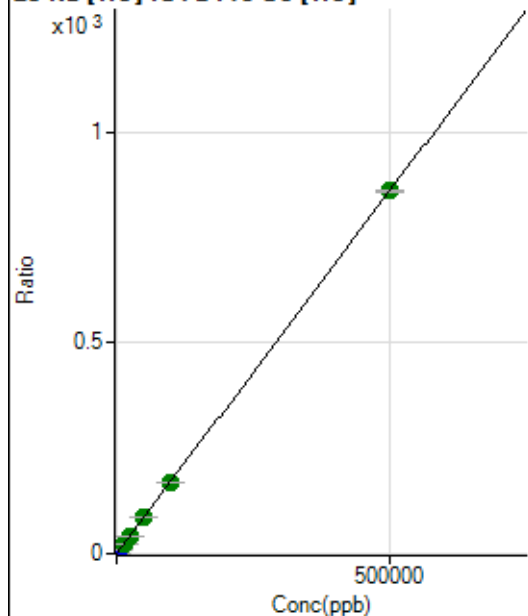
Min Conc: 0

**12 C [No Gas] No available calibration points**

|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |      |     |
| 2 | <input type="checkbox"/> |       |            |     |       |      |     |
| 3 | <input type="checkbox"/> |       |            |     |       |      |     |
| 4 | <input type="checkbox"/> |       |            |     |       |      |     |
| 5 | <input type="checkbox"/> |       |            |     |       |      |     |
| 6 | <input type="checkbox"/> |       |            |     |       |      |     |
| 7 | <input type="checkbox"/> |       |            |     |       |      |     |
| 8 | <input type="checkbox"/> |       |            |     |       |      |     |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

**23 Na [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1823.46     | 0.0338   | P        | 2.9 |
| 2 | <input type="checkbox"/> | 500.000   | 498.614    | 47024.87    | 0.8917   | P        | 0.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5134.823   | 467770.51   | 8.8685   | P        | 0.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 12109.067  | 1095277.19  | 20.8680  | A        | 2.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 23474.058  | 2026587.28  | 40.4219  | A        | 1.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 49398.814  | 4225490.25  | 85.0265  | A        | 0.7 |
| 7 | <input type="checkbox"/> | 100000.00 | 98965.637  | 8308990.29  | 170.3083 | A        | 0.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 500351.71  | 41367021.88 | 860.9095 | A        | 0.6 |

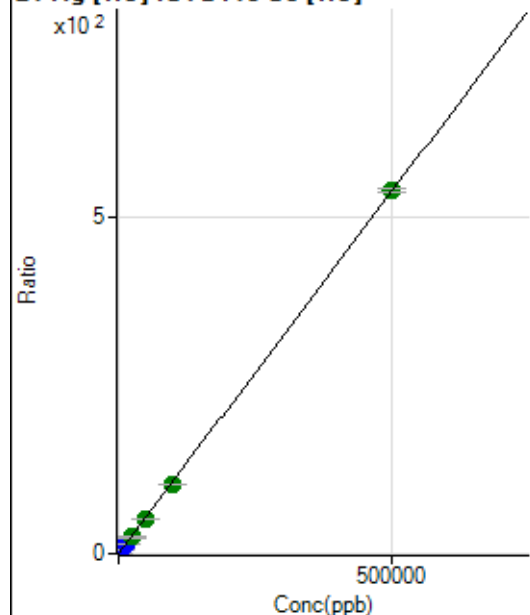
$$y = 0.0017 * x + 0.0338$$

$$R = 1.0000$$

$$DL = 1.702$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 631.13      | 0.0117   | P   | 8.9 |
| 2 | <input type="checkbox"/> | 500.000   | 516.213    | 29844.56    | 0.5660   | P   | 1.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 4962.754   | 281666.79   | 5.3402   | P   | 0.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 12317.945  | 694840.90   | 13.2373  | P   | 1.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 22605.682  | 1217448.28  | 24.2831  | A   | 1.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 47571.821  | 2538732.15  | 51.0890  | A   | 2.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 95672.670  | 5012212.74  | 102.7342 | A   | 0.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 501232.90  | 25859745.45 | 538.1790 | A   | 1.1 |

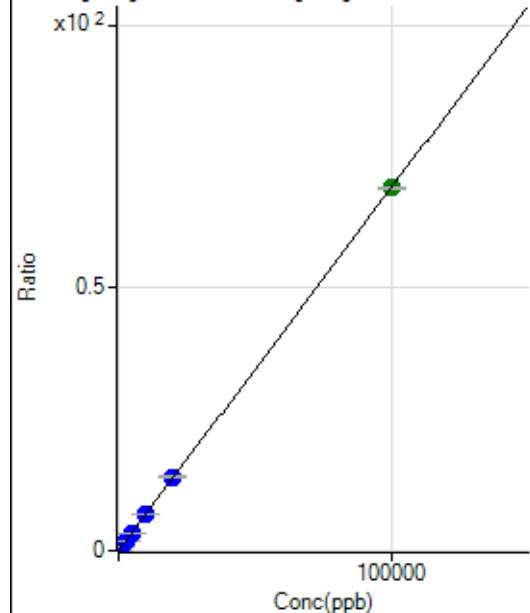
$$y = 0.0011 * x + 0.0117$$

$$R = 0.9999$$

$$DL = 2.908$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 180.00     | 0.0033  | P   | 13.4 |
| 2 | <input type="checkbox"/> | 20.000    | 19.706     | 893.37     | 0.0169  | P   | 7.4  |
| 3 | <input type="checkbox"/> | 1000.000  | 1005.024   | 36784.02   | 0.6974  | P   | 0.6  |
| 4 | <input type="checkbox"/> | 2500.000  | 2509.076   | 91140.62   | 1.7361  | P   | 0.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 4831.846   | 167459.38  | 3.3401  | P   | 1.6  |
| 6 | <input type="checkbox"/> | 10000.000 | 10132.539  | 347892.63  | 7.0006  | P   | 1.0  |
| 7 | <input type="checkbox"/> | 20000.000 | 20382.722  | 686898.19  | 14.0792 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 99918.332  | 3315706.06 | 69.0047 | A   | 0.3  |

$$y = 6.9058E-004 * x + 0.0033$$

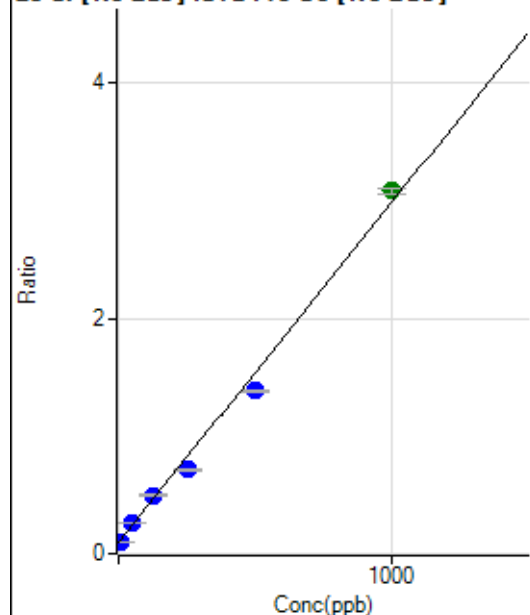
$$R = 1.0000$$

$$DL = 1.948$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 59935.37   | 0.0969 | P   | 0.5 |
| 2 | <input type="checkbox"/> | 10.000   | 2.489      | 64757.12   | 0.1041 | P   | 2.1 |
| 3 | <input type="checkbox"/> | 50.000   | 55.710     | 155516.31  | 0.2578 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 125.000  | 138.859    | 293742.75  | 0.4981 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 213.358    | 412167.82  | 0.7133 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 445.626    | 782792.22  | 1.3844 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1034.405   | 1704309.52 | 3.0856 | A   | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 72937.79   | 0.1361 | P   | 2.1 |

$$y = 0.0029 * x + 0.0969$$

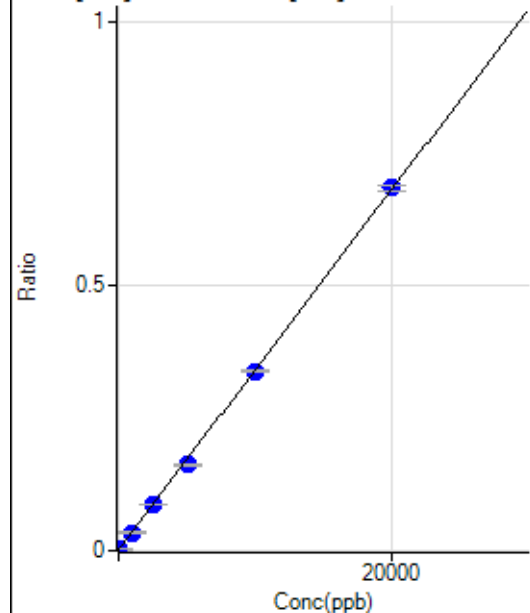
$$R = 0.9968$$

$$DL = 0.524$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -20.948    | 31.11    | 0.0006 | P   | 12.2 |
| 2 | <input type="checkbox"/> | 0.000     | 20.948     | 105.56   | 0.0020 | P   | 18.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 973.463    | 1814.58  | 0.0344 | P   | 7.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2492.241   | 4518.49  | 0.0861 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 5000.000  | 4733.028   | 8135.55  | 0.1623 | P   | 2.6  |
| 6 | <input type="checkbox"/> | 10000.000 | 9934.652   | 16857.18 | 0.3392 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 20101.713  | 33420.93 | 0.6850 | P   | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 72.22    | 0.0015 | P   | 27.8 |

$$y = 3.4015E-005 * x + 0.0013$$

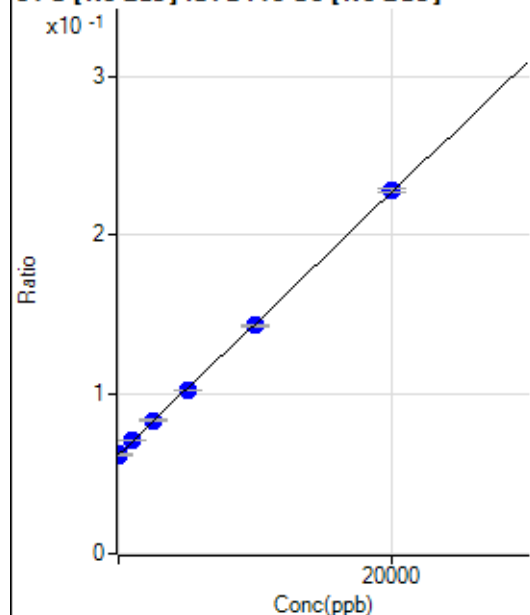
$$R = 0.9999$$

$$DL = 19.14$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -30.809    | 38370.32  | 0.0620 | P    | 1.4 |
| 2 | <input type="checkbox"/> | 0.000     | 30.809     | 38908.39  | 0.0625 | P    | 1.6 |
| 3 | <input type="checkbox"/> | 1000.000  | 1109.226   | 43072.82  | 0.0714 | P    | 0.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2607.583   | 49393.99  | 0.0838 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 5000.000  | 4889.686   | 59265.49  | 0.1026 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 10000.000 | 9825.765   | 81000.90  | 0.1433 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 20000.000 | 20095.787  | 125884.25 | 0.2279 | P    | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 35224.96  | 0.0657 | P    | 1.0 |

$$y = 8.2427\text{E-}006 * x + 0.0623$$

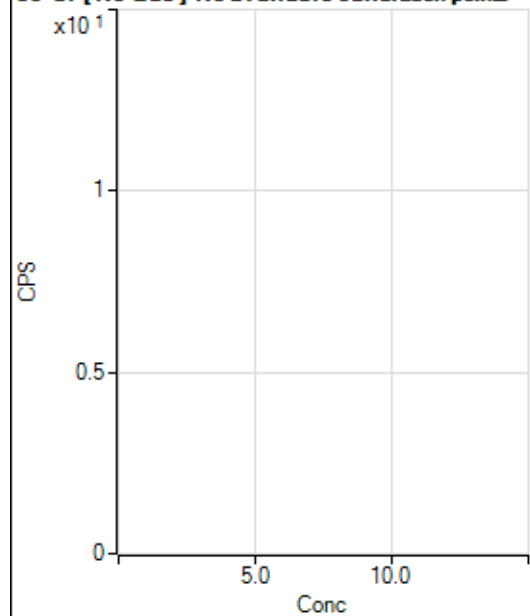
R = 0.9999

DL = 342.1

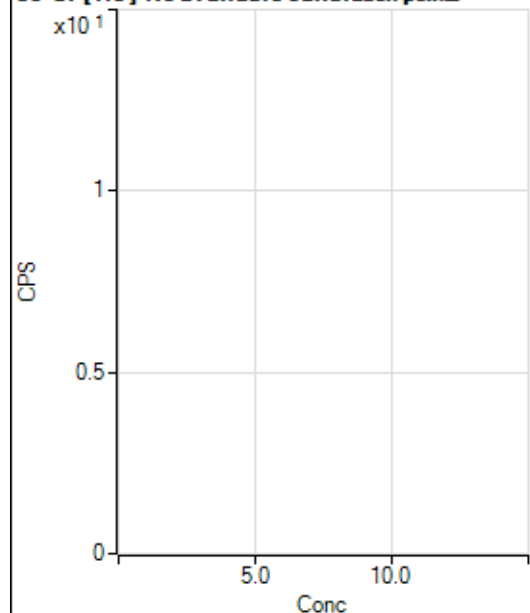
Weight: <None>

Min Conc: 0

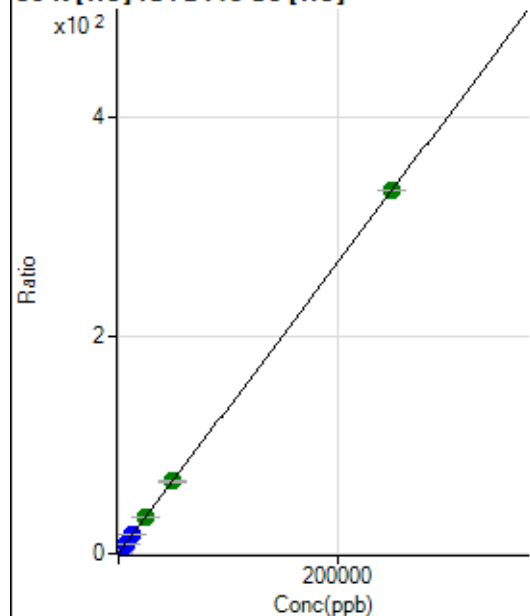
35 Cl [No Gas] No available calibration points



|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |      |     |
| 2 | <input type="checkbox"/> |       |            |     |       |      |     |
| 3 | <input type="checkbox"/> |       |            |     |       |      |     |
| 4 | <input type="checkbox"/> |       |            |     |       |      |     |
| 5 | <input type="checkbox"/> |       |            |     |       |      |     |
| 6 | <input type="checkbox"/> |       |            |     |       |      |     |
| 7 | <input type="checkbox"/> |       |            |     |       |      |     |
| 8 | <input type="checkbox"/> |       |            |     |       |      |     |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

**39 K [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14741.68    | 0.2736   | P        | 2.3 |
| 2 | <input type="checkbox"/> | 500.000   | 523.249    | 51141.02    | 0.9698   | P        | 0.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2696.314   | 203654.22   | 3.8611   | P        | 0.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6746.747   | 485601.84   | 9.2502   | P        | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12766.209  | 865324.14   | 17.2593  | P        | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25128.543  | 1675102.96  | 33.7076  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49821.816  | 3247378.18  | 66.5625  | A        | 1.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249995.04  | 15995829.90 | 332.8969 | A        | 0.1 |

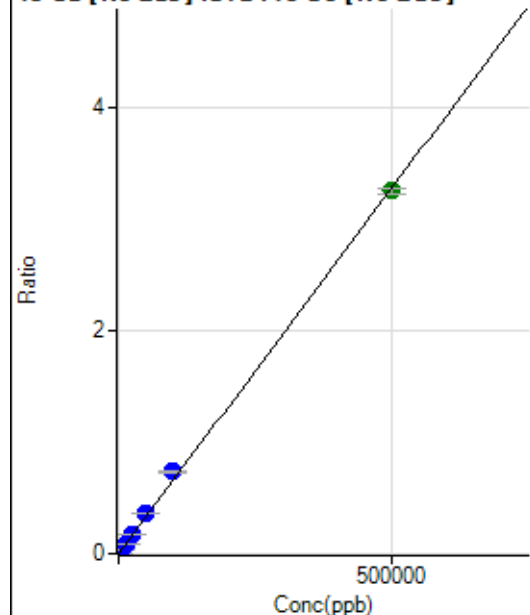
$$y = 0.0013 * x + 0.2736$$

$$R = 1.0000$$

$$DL = 14.26$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 116.67     | 0.0002 | P   | 24.1 |
| 2 | <input type="checkbox"/> | 500.000   | 535.530    | 2297.97    | 0.0037 | P   | 0.6  |
| 3 | <input type="checkbox"/> | 5000.000  | 5587.743   | 22165.15   | 0.0367 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 12500.000 | 14068.757  | 54395.87   | 0.0922 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 25000.000 | 26612.334  | 100703.27  | 0.1743 | P   | 1.6  |
| 6 | <input type="checkbox"/> | 50000.000 | 56211.532  | 208043.07  | 0.3679 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 112506.83  | 406652.73  | 0.7362 | P   | 1.6  |
| 8 | <input type="checkbox"/> | 500000.00 | 496751.73  | 1741921.94 | 3.2501 | A   | 1.5  |

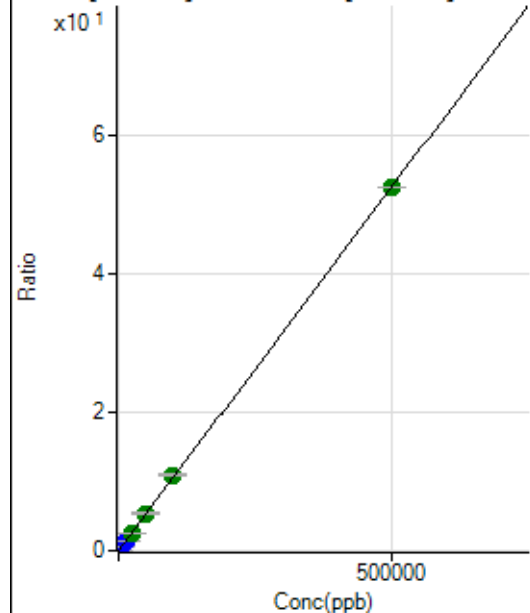
$$y = 6.5423\text{E-}006 * x + 1.8844\text{E-}004$$

$$R = 0.9996$$

$$DL = 20.81$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 766.69      | 0.0012  | P   | 7.2 |
| 2 | <input type="checkbox"/> | 500.000   | 526.412    | 35211.97    | 0.0566  | P   | 0.4 |
| 3 | <input type="checkbox"/> | 5000.000  | 5614.232   | 356718.38   | 0.5914  | P   | 0.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 13930.664  | 864344.69   | 1.4656  | P   | 0.7 |
| 5 | <input type="checkbox"/> | 25000.000 | 24167.352  | 1468553.99  | 2.5416  | A   | 0.8 |
| 6 | <input type="checkbox"/> | 50000.000 | 51347.481  | 3052551.31  | 5.3987  | A   | 1.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 103779.04  | 6025756.58  | 10.9102 | A   | 2.1 |
| 8 | <input type="checkbox"/> | 500000.00 | 499109.14  | 28118044.30 | 52.4660 | A   | 0.1 |

$$y = 1.0512\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

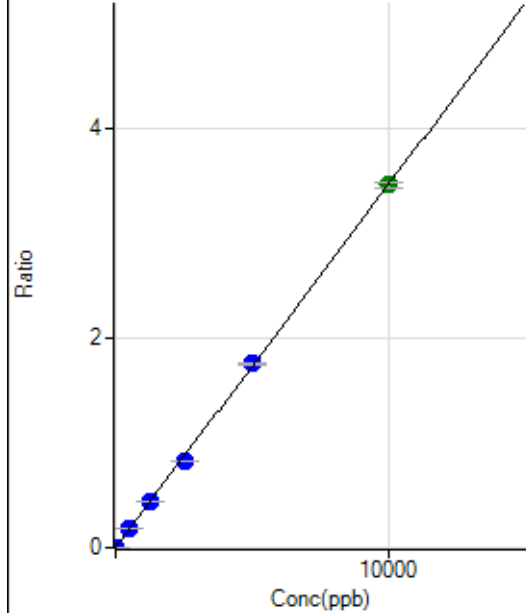
$$DL = 2.56$$

Weight: &lt;None&gt;

Min Conc: 0



47 Ti [No Gas] ISTD :45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 28.89      | 0.0000 | P   | 13.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.739      | 1050.05    | 0.0017 | P   | 6.3  |
| 3 | <input type="checkbox"/> | 500.000   | 509.813    | 106457.47  | 0.1765 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1270.534   | 259377.91  | 0.4398 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2385.359   | 477052.49  | 0.8256 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5066.851   | 991603.51  | 1.7537 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9992.178   | 1910148.63 | 3.4584 | A   | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 2015.71    | 0.0038 | P   | 18.3 |

$$y = 3.4611E-004 * x + 4.6675E-005$$

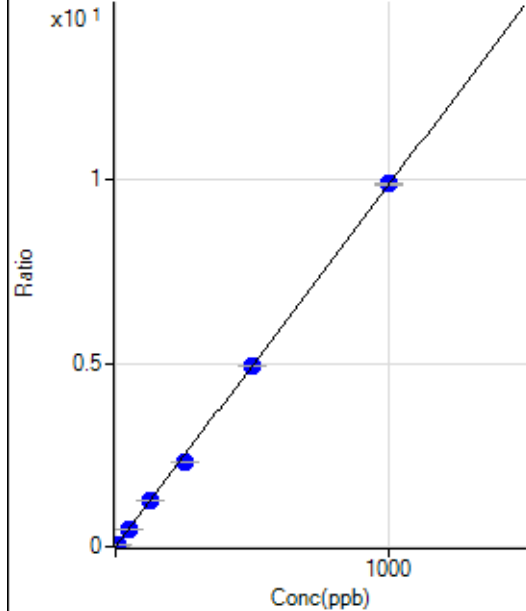
$$R = 0.9999$$

$$DL = 0.05253$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.78      | 0.0001 | P   | 65.6 |
| 2 | <input type="checkbox"/> | 5.000    | 5.130      | 2675.82   | 0.0507 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 50.000   | 50.187     | 26115.99  | 0.4951 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 127.679    | 66110.46  | 1.2594 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 235.054    | 116241.91 | 2.3185 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 500.038    | 245093.96 | 4.9320 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.373   | 482820.93 | 9.8964 | P   | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 385.56    | 0.0080 | P   | 7.8  |

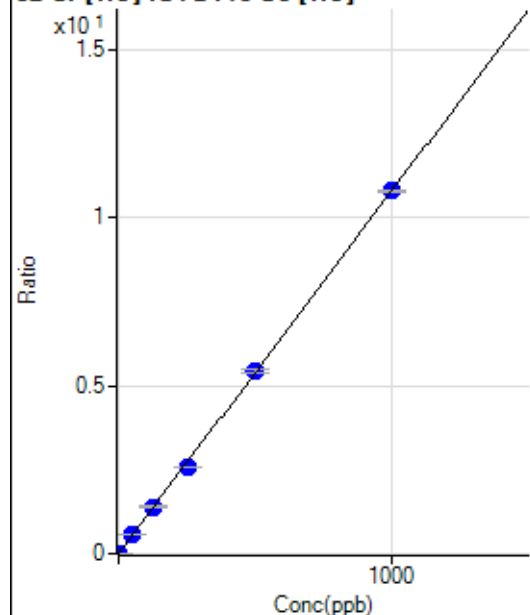
$$y = 0.0099 * x + 1.4432E-004$$

$$R = 0.9999$$

$$DL = 0.0288$$

Weight: &lt;None&gt;

Min Conc: 0

**52 Cr [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 73.33     | 0.0014  | P   | 16.7 |
| 2 | <input type="checkbox"/> | 2.000    | 2.019      | 1220.06   | 0.0231  | P   | 4.2  |
| 3 | <input type="checkbox"/> | 50.000   | 51.445     | 29331.89  | 0.5561  | P   | 2.6  |
| 4 | <input type="checkbox"/> | 125.000  | 128.657    | 72901.63  | 1.3888  | P   | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 239.024    | 129299.20 | 2.5789  | P   | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 502.699    | 269448.21 | 5.4223  | P   | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.865   | 526632.20 | 10.7944 | P   | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 1959.04   | 0.0408  | P   | 2.4  |

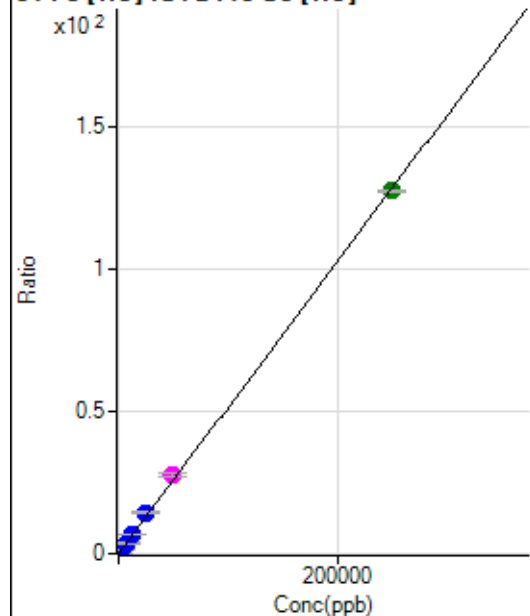
$$y = 0.0108 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.06331$$

Weight: &lt;None&gt;

Min Conc: 0

**54 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 381.12     | 0.0071   | P   | 1.5 |
| 2 | <input type="checkbox"/> | 50.000    | 56.003     | 1889.03    | 0.0358   | P   | 4.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2930.269   | 79689.24   | 1.5108   | P   | 0.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 7232.998   | 195208.63  | 3.7188   | P   | 1.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13491.251  | 347464.53  | 6.9303   | P   | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 28331.563  | 722840.79  | 14.5459  | P   | 1.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 54013.968  | 1352599.18 | 27.7253  | M   | 4.1 |
| 8 | <input type="checkbox"/> | 250000.00 | 248785.60  | 6134875.53 | 127.6758 | A   | 0.2 |

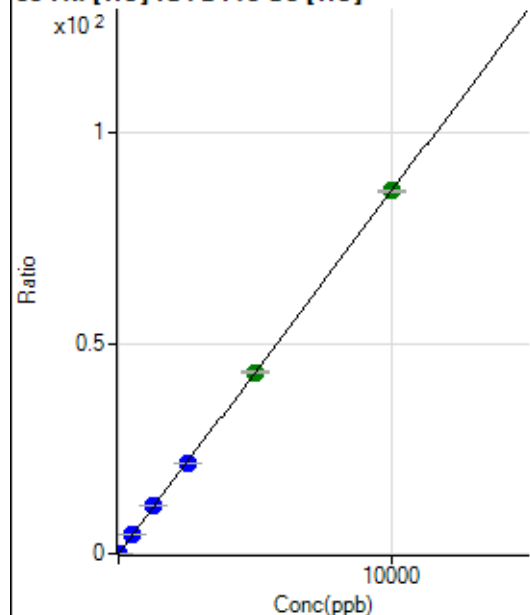
$$y = 5.1317E-004 * x + 0.0071$$

$$R = 0.9998$$

$$DL = 0.628$$

Weight: &lt;None&gt;

Min Conc: 0

**55 Mn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 76.67      | 0.0014  | P   | 41.8 |
| 2 | <input type="checkbox"/> | 1.000     | 1.024      | 541.12     | 0.0103  | P   | 2.3  |
| 3 | <input type="checkbox"/> | 500.000   | 532.655    | 242509.95  | 4.5978  | P   | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1321.443   | 598657.76  | 11.4043 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2475.457   | 1071095.17 | 21.3625 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4989.468   | 2139715.84 | 43.0562 | A   | 1.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10000.839  | 4210368.17 | 86.2999 | A   | 0.6  |
| 8 | <input type="checkbox"/> |           |            | 4877.50    | 0.1015  | P   | 2.6  |

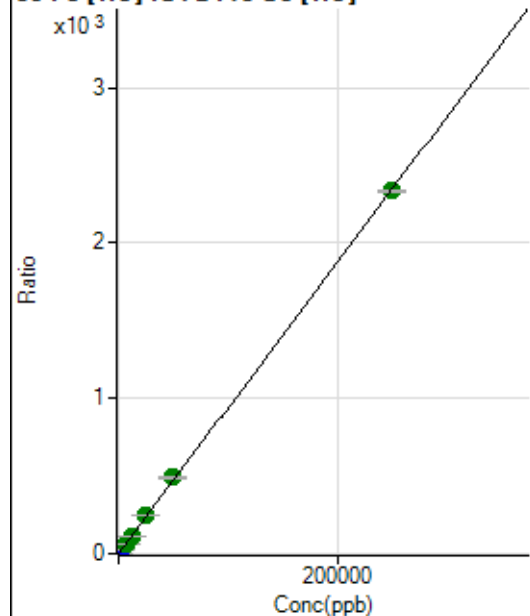
$$y = 0.0086 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.2068$$

Weight: &lt;None&gt;

Min Conc: 0

**56 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2913.64     | 0.0541    | P   | 4.5 |
| 2 | <input type="checkbox"/> | 50.000    | 56.787     | 30876.18    | 0.5855    | P   | 0.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2862.251   | 1415675.19  | 26.8398   | P   | 0.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6667.288   | 3277514.67  | 62.4485   | A   | 2.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12368.108  | 5805927.76  | 115.7984  | A   | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 26110.845  | 12145800.51 | 244.4070  | A   | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 52289.335  | 23875912.14 | 489.3929  | A   | 1.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 249423.58  | 112160809.4 | 2,334.232 | A   | 0.6 |

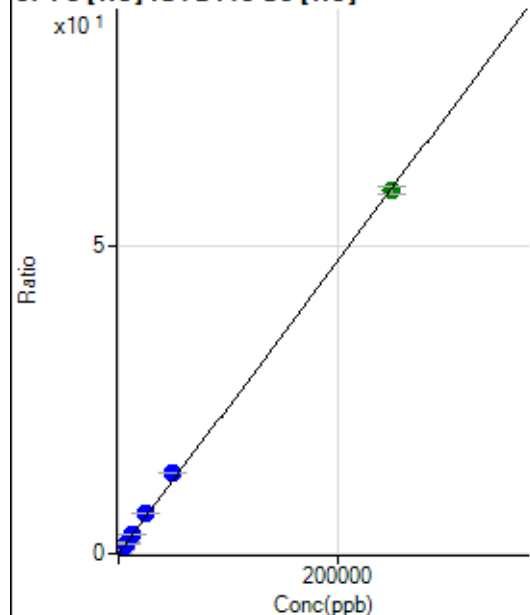
$$y = 0.0094 * x + 0.0541$$

$$R = 0.9999$$

$$DL = 0.7786$$

Weight: &lt;None&gt;

Min Conc: 0

**57 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 260.01     | 0.0048  | P   | 3.3 |
| 2 | <input type="checkbox"/> | 50.000    | 60.676     | 1011.16    | 0.0192  | P   | 7.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2861.669   | 35930.65   | 0.6812  | P   | 1.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 7167.764   | 89185.82   | 1.6990  | P   | 2.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 13224.008  | 156949.79  | 3.1305  | P   | 1.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 27608.833  | 324532.60  | 6.5306  | P   | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 55168.601  | 636422.49  | 13.0447 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 248642.63  | 2824170.03 | 58.7751 | A   | 2.0 |

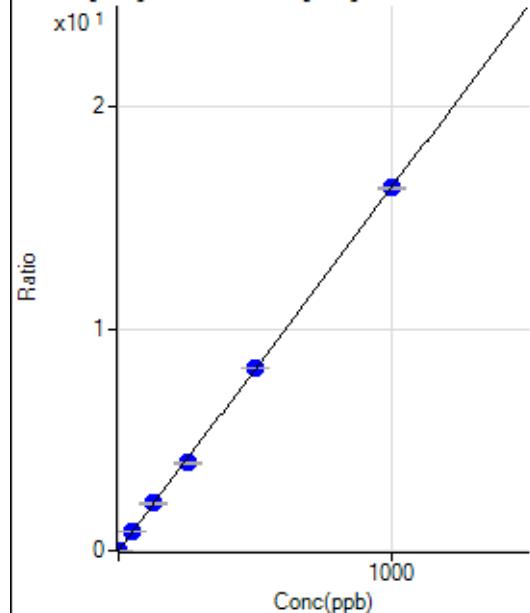
$$y = 2.3636\text{E-}004 * x + 0.0048$$

$$R = 0.9997$$

$$DL = 2.047$$

Weight: &lt;None&gt;

Min Conc: 0

**59 Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.55     | 0.0003  | P   | 44.8 |
| 2 | <input type="checkbox"/> | 1.000    | 1.106      | 968.93    | 0.0184  | P   | 6.3  |
| 3 | <input type="checkbox"/> | 50.000   | 52.535     | 45322.57  | 0.8593  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 130.788    | 112265.82 | 2.1387  | P   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 242.045    | 198434.62 | 3.9578  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 503.597    | 409195.40 | 8.2342  | P   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.340    | 797176.09 | 16.3396 | P   | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 2508.02   | 0.0522  | P   | 6.1  |

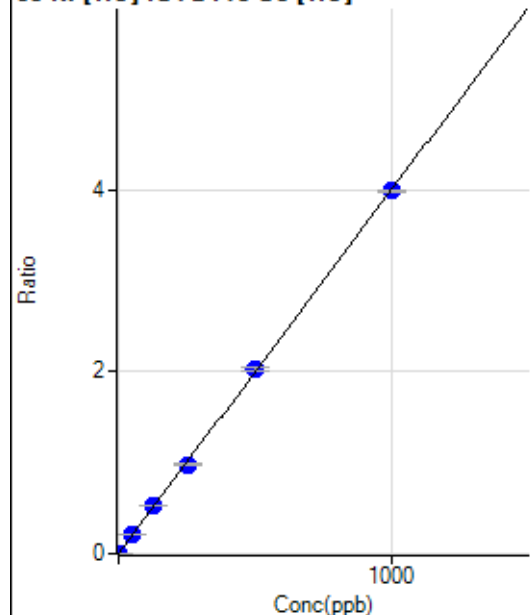
$$y = 0.0164 * x + 2.8882\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.02374$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.67     | 0.0016 | P   | 13.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.995      | 294.45    | 0.0056 | P   | 12.5 |
| 3 | <input type="checkbox"/> | 50.000   | 53.200     | 11296.56  | 0.2142 | P   | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 133.463    | 28088.54  | 0.5349 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 243.811    | 48922.81  | 0.9759 | P   | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 506.901    | 100735.19 | 2.0271 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.879    | 194420.48 | 3.9850 | P   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 890.04    | 0.0185 | P   | 7.5  |

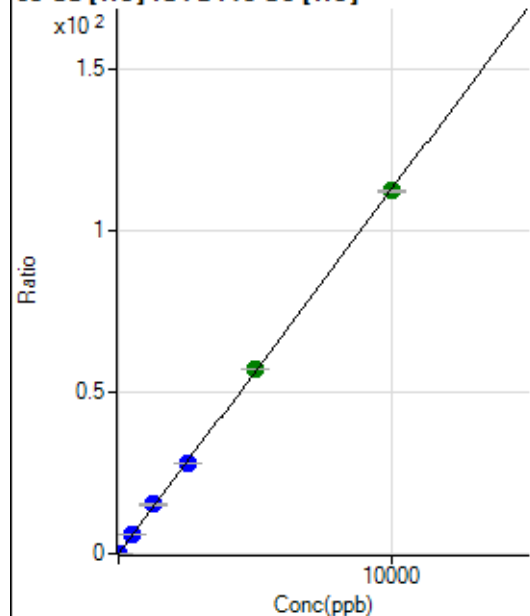
$$y = 0.0040 * x + 0.0016$$

$$R = 0.9999$$

$$DL = 0.1674$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 510.02     | 0.0095   | P   | 6.5 |
| 2 | <input type="checkbox"/> | 2.000     | 2.135      | 1769.01    | 0.0335   | P   | 1.8 |
| 3 | <input type="checkbox"/> | 500.000   | 544.136    | 324237.79  | 6.1473   | P   | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1348.883   | 799236.31  | 15.2249  | P   | 1.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2478.360   | 1402084.70 | 27.9654  | P   | 1.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 5061.578   | 2837875.89 | 57.1040  | A   | 0.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9960.054   | 5481706.52 | 112.3588 | A   | 0.7 |
| 8 | <input type="checkbox"/> |           |            | 4300.66    | 0.0895   | P   | 8.6 |

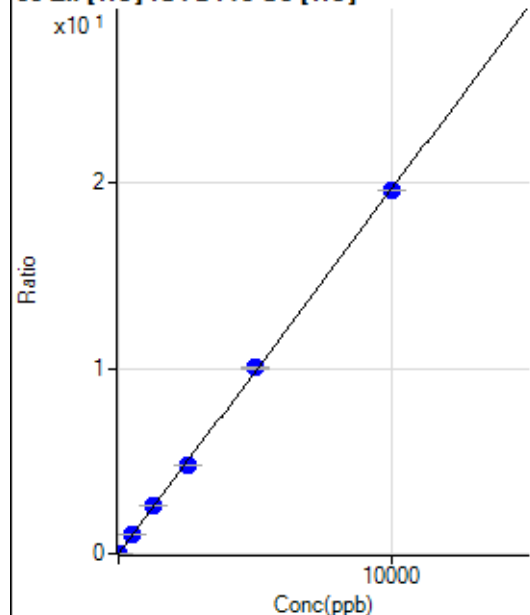
$$y = 0.0113 * x + 0.0095$$

$$R = 0.9999$$

$$DL = 0.1641$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 70.00     | 0.0013  | P   | 17.1 |
| 2 | <input type="checkbox"/> | 2.000     | 5.717      | 661.13    | 0.0125  | P   | 7.8  |
| 3 | <input type="checkbox"/> | 500.000   | 535.907    | 55610.65  | 1.0543  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1330.912   | 137362.30 | 2.6165  | P   | 1.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2444.743   | 240925.92 | 4.8051  | P   | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5094.590   | 497532.56 | 10.0120 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9954.609   | 954384.22 | 19.5618 | P   | 0.2  |
| 8 | <input type="checkbox"/> |           |            | 1118.95   | 0.0233  | P   | 6.2  |

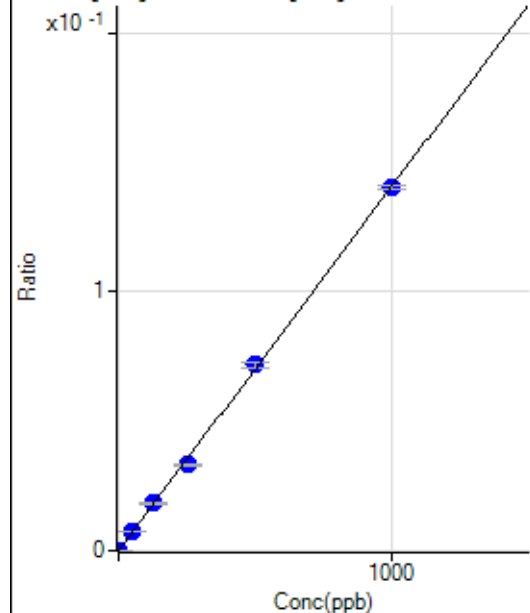
$$y = 0.0020 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.3383$$

Weight: &lt;None&gt;

Min Conc: 0

**75 As [He] ISTD:89 Y [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00     | 0.0000 | P   |      |
| 2 | <input type="checkbox"/> | 1.000    | 1.163      | 90.00    | 0.0002 | P   | 37.8 |
| 3 | <input type="checkbox"/> | 50.000   | 52.929     | 4062.82  | 0.0074 | P   | 5.6  |
| 4 | <input type="checkbox"/> | 125.000  | 130.228    | 9910.06  | 0.0183 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 236.916    | 17111.06 | 0.0333 | P   | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 510.537    | 36238.67 | 0.0718 | P   | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.203    | 70580.00 | 0.1402 | P   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 81.11    | 0.0002 | P   | 33.1 |

$$y = 1.4059E-004 * x + 0.0000E+000$$

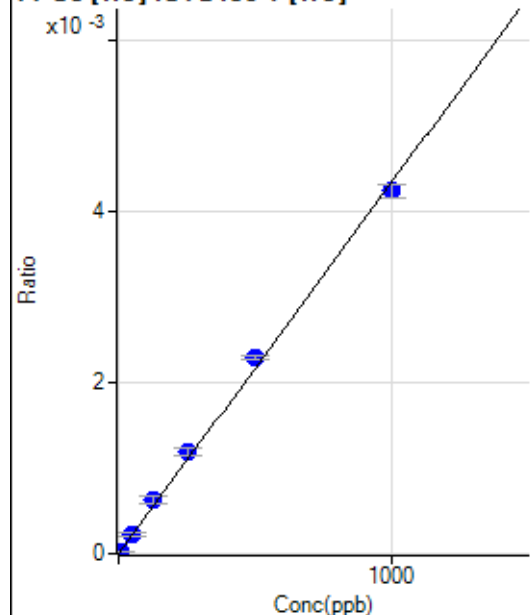
$$R = 0.9998$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P    |      |
| 2 | <input type="checkbox"/> | 5.000    | 4.198      | 10.00   | 0.0000 | P    | 0.6  |
| 3 | <input type="checkbox"/> | 50.000   | 52.161     | 123.33  | 0.0002 | P    | 15.2 |
| 4 | <input type="checkbox"/> | 125.000  | 144.158    | 337.79  | 0.0006 | P    | 12.7 |
| 5 | <input type="checkbox"/> | 250.000  | 274.372    | 611.13  | 0.0012 | P    | 7.5  |
| 6 | <input type="checkbox"/> | 500.000  | 527.776    | 1154.50 | 0.0023 | P    | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 977.520    | 2132.39 | 0.0042 | P    | 3.6  |
| 8 | <input type="checkbox"/> |          |            | 0.00    | 0.0000 | P    |      |

$$y = 4.3327\text{E-}006 * x + 0.0000\text{E+}000$$

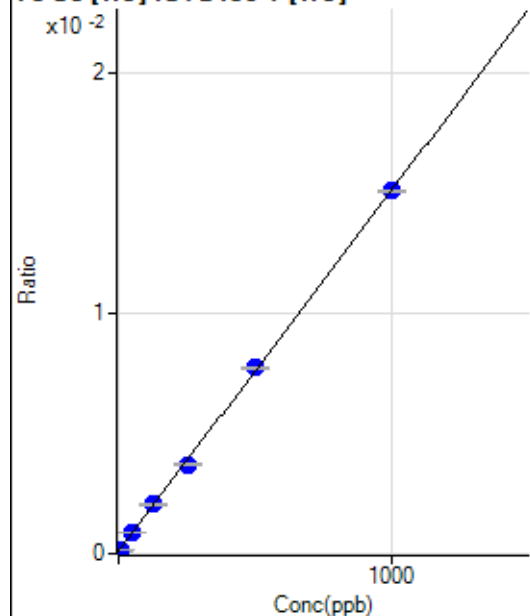
$$R = 0.9989$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 57.78   | 0.0001 | P    | 43.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.253      | 100.00  | 0.0002 | P    | 10.9 |
| 3 | <input type="checkbox"/> | 50.000   | 50.990     | 474.46  | 0.0009 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 130.970    | 1121.17 | 0.0021 | P    | 4.1  |
| 5 | <input type="checkbox"/> | 250.000  | 239.574    | 1902.36 | 0.0037 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 507.281    | 3900.55 | 0.0077 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.169    | 7603.12 | 0.0151 | P    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 54.45   | 0.0001 | P    | 7.1  |

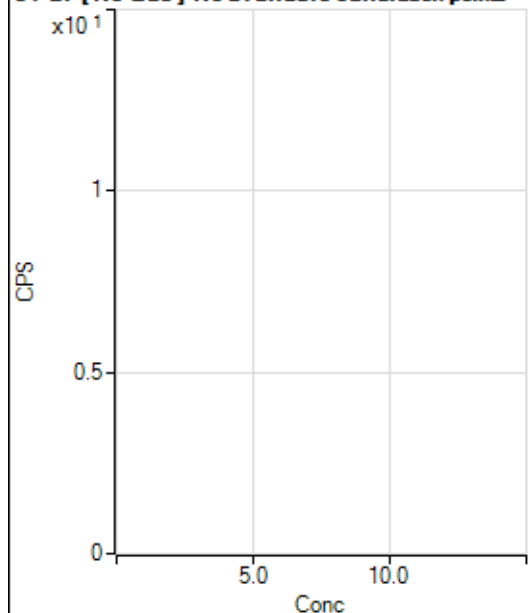
$$y = 1.5027\text{E-}005 * x + 1.0289\text{E-}004$$

$$R = 0.9999$$

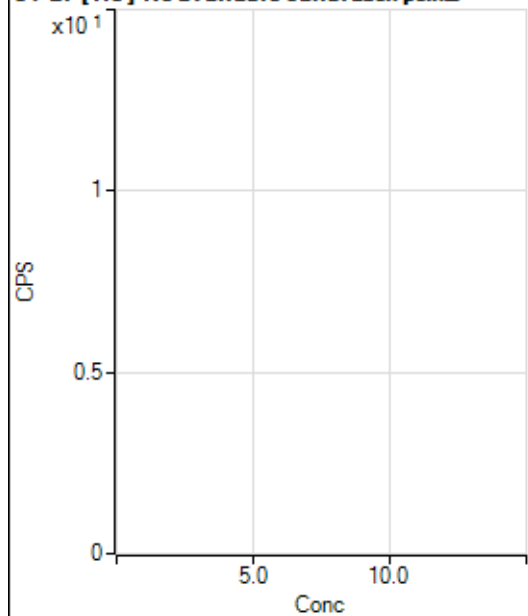
$$DL = 8.94$$

Weight: &lt;None&gt;

Min Conc: 0

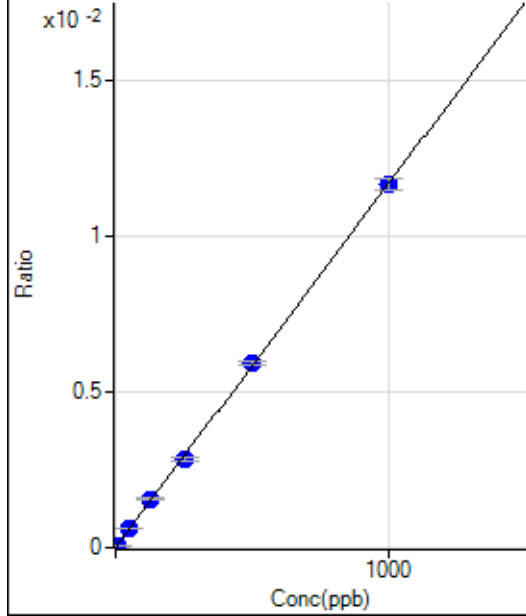
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 3609.36 |       | P        | 3.0 |
| 2 | <input type="checkbox"/> |       |            | 3653.83 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 3642.71 |       | P        | 2.5 |
| 4 | <input type="checkbox"/> |       |            | 3572.69 |       | P        | 5.7 |
| 5 | <input type="checkbox"/> |       |            | 3210.38 |       | P        | 6.4 |
| 6 | <input type="checkbox"/> |       |            | 3204.83 |       | P        | 3.5 |
| 7 | <input type="checkbox"/> |       |            | 3317.08 |       | P        | 8.6 |
| 8 | <input type="checkbox"/> |       |            | 3268.18 |       | P        | 4.6 |

**81 Br [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 12.4 |
| 2 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 27.0 |
| 3 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 60.3 |
| 4 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 58.1 |
| 5 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 40.0 |
| 6 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 68.7 |
| 7 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 50.0 |
| 8 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |



**82 Se [No Gas] ISTD:89 Y [No Gas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.87     | 0.0000 | P    | 199. |
| 2 | <input type="checkbox"/> | 5.000    | 5.111      | 136.61   | 0.0001 | P    | 19.0 |
| 3 | <input type="checkbox"/> | 50.000   | 53.531     | 1311.22  | 0.0006 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 133.725    | 3142.99  | 0.0016 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 243.824    | 5573.55  | 0.0029 | P    | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 506.472    | 11422.10 | 0.0059 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.040    | 21978.78 | 0.0117 | P    | 3.1  |
| 8 | <input type="checkbox"/> |          |            | 70.16    | 0.0000 | P    | 6.8  |

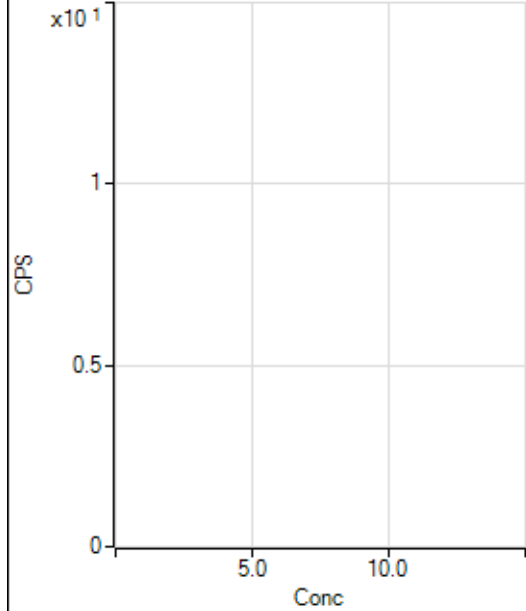
$$y = 1.1694E-005 * x + 3.6452E-006$$

$$R = 0.9999$$

$$DL = 1.865$$

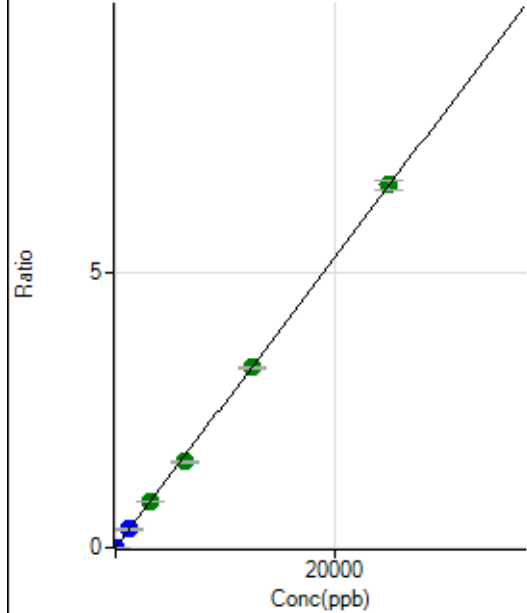
Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [No Gas] No available calibration points**

|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS   | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|-------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 41.11 |       | P    | 24.8 |
| 2 | <input type="checkbox"/> |       |            | 37.78 |       | P    | 36.7 |
| 3 | <input type="checkbox"/> |       |            | 22.22 |       | P    | 31.2 |
| 4 | <input type="checkbox"/> |       |            | 33.33 |       | P    | 10.0 |
| 5 | <input type="checkbox"/> |       |            | 33.33 |       | P    | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 28.89 |       | P    | 29.0 |
| 7 | <input type="checkbox"/> |       |            | 34.44 |       | P    | 43.6 |
| 8 | <input type="checkbox"/> |       |            | 27.78 |       | P    | 38.6 |

86 Sr [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 75.55       | 0.0000 | P   | 8.9  |
| 2 | <input type="checkbox"/> | 1.000     | 0.976      | 631.13      | 0.0003 | P   | 12.9 |
| 3 | <input type="checkbox"/> | 1250.000  | 1265.219   | 694774.42   | 0.3336 | P   | 0.4  |
| 4 | <input type="checkbox"/> | 3125.000  | 3170.943   | 1676365.55  | 0.8360 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 5954.200   | 3065088.77  | 1.5698 | A   | 1.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 12466.493  | 6334905.39  | 3.2868 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 25000.000 | 25084.199  | 12463288.01 | 6.6133 | A   | 2.4  |
| 8 | <input type="checkbox"/> |           |            | 13246.13    | 0.0075 | P   | 12.7 |

$$y = 2.6364E-004 * x + 3.5428E-005$$

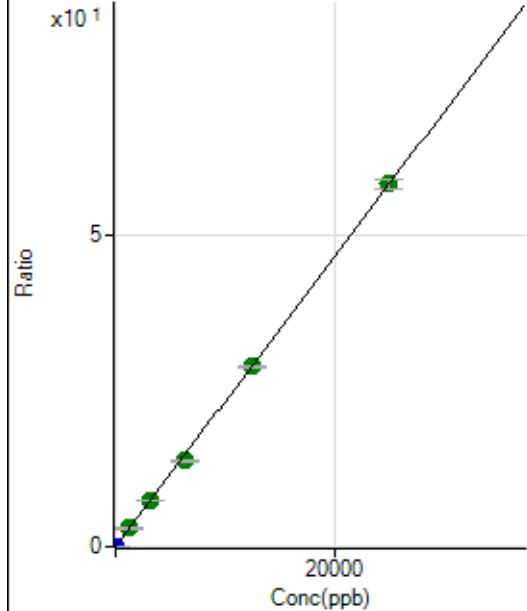
$$R = 0.9999$$

$$DL = 0.03601$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 143.34      | 0.0001  | P   | 4.2  |
| 2 | <input type="checkbox"/> | 1.000     | 1.000      | 5158.73     | 0.0024  | P   | 3.4  |
| 3 | <input type="checkbox"/> | 1250.000  | 1266.324   | 6135668.59  | 2.9463  | A   | 1.7  |
| 4 | <input type="checkbox"/> | 3125.000  | 3200.599   | 14931673.25 | 7.4465  | A   | 0.4  |
| 5 | <input type="checkbox"/> | 6250.000  | 5929.478   | 26935326.54 | 13.7955 | A   | 1.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 12481.165  | 55968702.50 | 29.0385 | A   | 1.2  |
| 7 | <input type="checkbox"/> | 25000.000 | 25079.282  | 109957162.8 | 58.3490 | A   | 2.8  |
| 8 | <input type="checkbox"/> |           |            | 115210.83   | 0.0655  | P   | 14.4 |

$$y = 0.0023 * x + 6.7213E-005$$

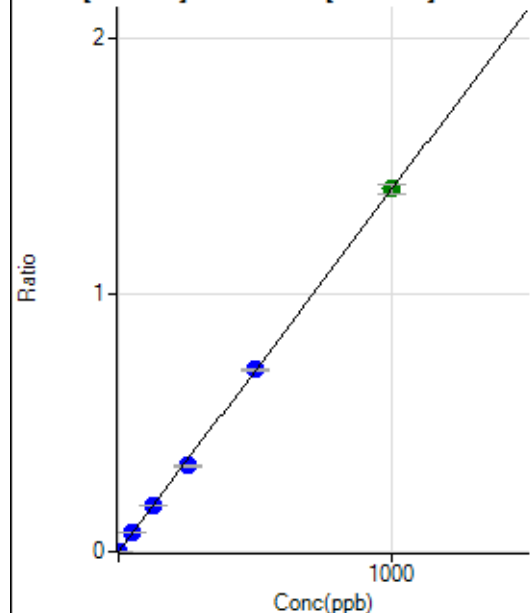
$$R = 0.9999$$

$$DL = 0.00363$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.89      | 0.0000 | P    | 9.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.020      | 3154.81    | 0.0015 | P    | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 50.626     | 148616.37  | 0.0714 | P    | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 127.634    | 360658.16  | 0.1799 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 250.000  | 236.588    | 650895.62  | 0.3334 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 500.000  | 502.191    | 1363805.67 | 0.7076 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.897   | 2660393.34 | 1.4117 | A    | 2.7 |
| 8 | <input type="checkbox"/> |          |            | 4025.03    | 0.0023 | P    | 5.0 |

$$y = 0.0014 * x + 2.7633E-005$$

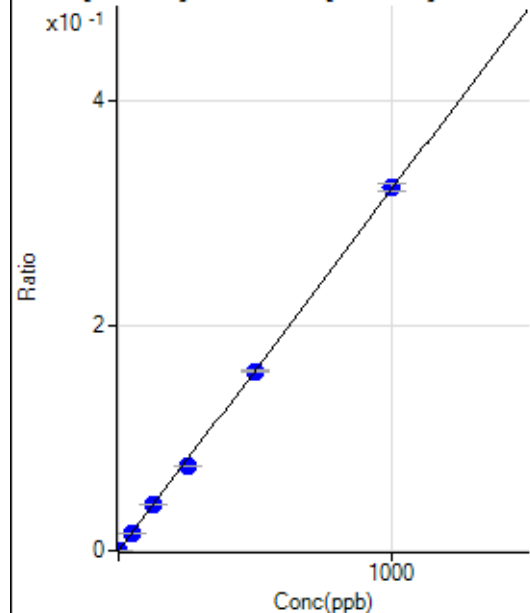
$$R = 0.9999$$

$$DL = 0.005632$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 10.00     | 0.0000 | P    | 1.0  |
| 2 | <input type="checkbox"/> | 1.000    | 0.919      | 644.46    | 0.0003 | P    | 4.0  |
| 3 | <input type="checkbox"/> | 50.000   | 49.534     | 33062.77  | 0.0159 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.469    | 81255.48  | 0.0405 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 234.020    | 146395.69 | 0.0750 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 497.719    | 307344.22 | 0.1595 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.975   | 606820.70 | 0.3220 | P    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 968.93    | 0.0006 | P    | 10.1 |

$$y = 3.2039E-004 * x + 4.6900E-006$$

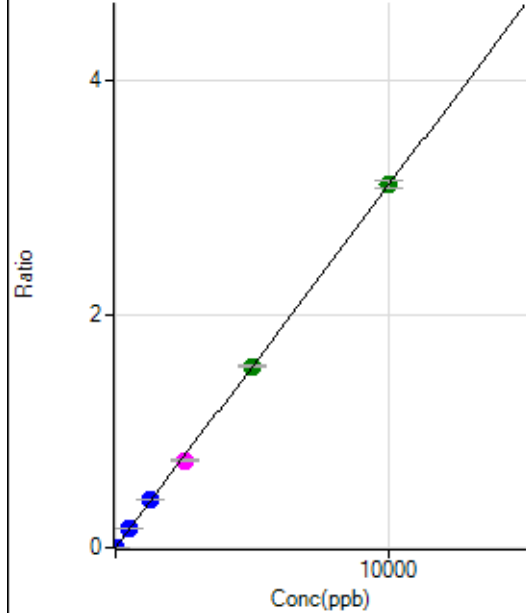
$$R = 0.9998$$

$$DL = 0.0004285$$

Weight: &lt;None&gt;

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 32.22      | 0.0000 | P   | 12.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.220      | 3522.68    | 0.0016 | P   | 3.5  |
| 3 | <input type="checkbox"/> | 500.000   | 514.166    | 332284.32  | 0.1595 | P   | 0.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1310.352   | 815288.73  | 0.4066 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2398.576   | 1452973.45 | 0.7442 | M   | 2.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 5005.656   | 2993473.36 | 1.5531 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10014.276  | 5855886.79 | 3.1072 | A   | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 6959.50    | 0.0040 | P   | 10.5 |

$$y = 3.1027E-004 * x + 1.5123E-005$$

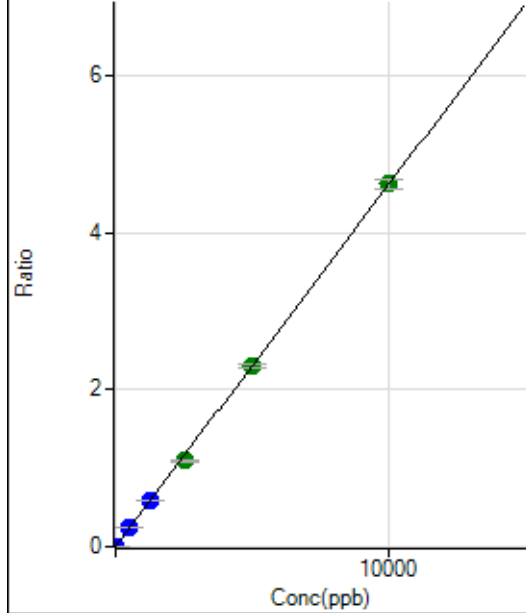
$$R = 0.9999$$

$$DL = 0.01885$$

Weight: &lt;None&gt;

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 11.11      | 0.0000 | P   | 75.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.421      | 4398.48    | 0.0020 | P   | 0.4  |
| 3 | <input type="checkbox"/> | 500.000   | 509.433    | 488672.86  | 0.2346 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1294.161   | 1195231.40 | 0.5961 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2369.262   | 2130805.75 | 1.0913 | A   | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 4994.658   | 4433691.57 | 2.3005 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10029.364  | 8705477.30 | 4.6194 | A   | 2.5  |
| 8 | <input type="checkbox"/> |           |            | 9457.63    | 0.0054 | P   | 12.5 |

$$y = 4.6059E-004 * x + 5.1984E-006$$

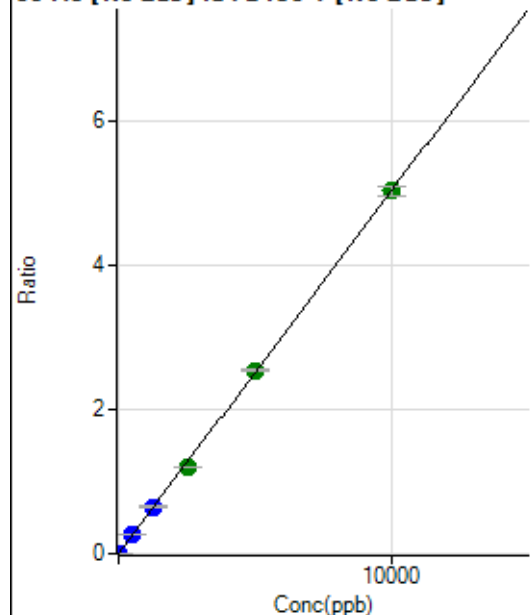
$$R = 0.9999$$

$$DL = 0.02557$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23.33      | 0.0000 | P    | 14.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.686      | 5100.93    | 0.0024 | P    | 2.1  |
| 3 | <input type="checkbox"/> | 500.000   | 509.998    | 534192.10  | 0.2565 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1296.092   | 1307066.66 | 0.6518 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2373.254   | 2330580.56 | 1.1936 | A    | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5053.879   | 4898741.25 | 2.5417 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9998.486   | 9476064.37 | 5.0285 | A    | 2.9  |
| 8 | <input type="checkbox"/> |           |            | 12030.66   | 0.0068 | P    | 11.6 |

$$y = 5.0292\text{E-}004 * x + 1.0948\text{E-}005$$

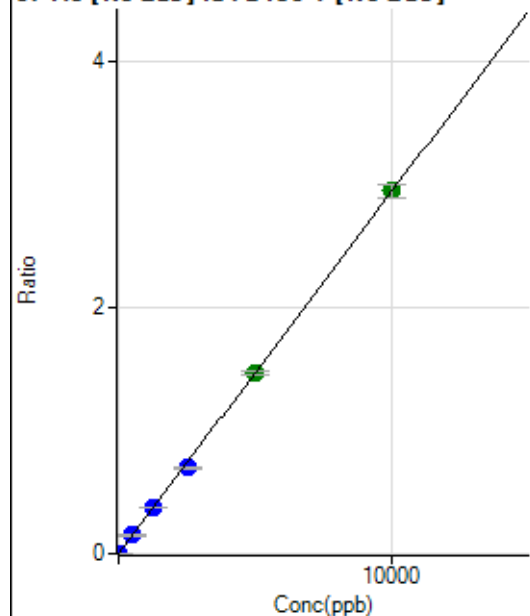
$$R = 0.9999$$

$$DL = 0.009569$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6.67       | 0.0000 | P    | 1.0  |
| 2 | <input type="checkbox"/> | 5.000     | 4.453      | 2828.08    | 0.0013 | P    | 2.5  |
| 3 | <input type="checkbox"/> | 500.000   | 505.547    | 309641.85  | 0.1487 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1286.468   | 758631.15  | 0.3783 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2370.533   | 1361098.05 | 0.6971 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4993.004   | 2829899.26 | 1.4684 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10031.029  | 5558700.41 | 2.9500 | A    | 3.6  |
| 8 | <input type="checkbox"/> |           |            | 5899.04    | 0.0034 | P    | 13.4 |

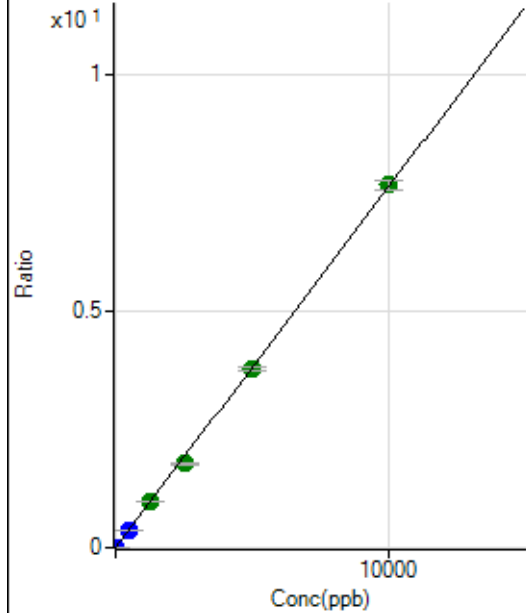
$$y = 2.9409\text{E-}004 * x + 3.1282\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0003113$$

Weight: &lt;None&gt;

Min Conc: 0

**98 Mo [No Gas] ISTD : 89 Y [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 17.78       | 0.0000 | P        | 46.3 |
| 2 | <input type="checkbox"/> | 5.000     | 4.416      | 7270.76     | 0.0034 | P        | 2.2  |
| 3 | <input type="checkbox"/> | 500.000   | 504.373    | 800683.50   | 0.3845 | P        | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1266.041   | 1935097.99  | 0.9650 | A        | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2324.020   | 3458244.88  | 1.7715 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4963.404   | 7290927.53  | 3.7833 | A        | 2.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10060.070  | 14450925.48 | 7.6682 | A        | 2.7  |
| 8 | <input type="checkbox"/> |           |            | 15088.02    | 0.0086 | P        | 13.9 |

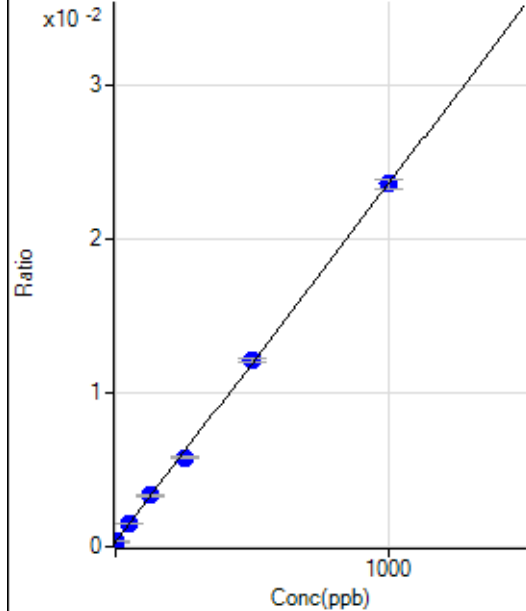
$$y = 7.6224\text{E-}004 * x + 8.3137\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01516$$

Weight: &lt;None&gt;

Min Conc: 0

**106 Cd [No Gas] ISTD : 159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 645.58   | 0.0003 | P        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.146      | 710.03   | 0.0003 | P        | 3.4 |
| 3 | <input type="checkbox"/> | 50.000   | 51.760     | 3183.71  | 0.0015 | P        | 6.8 |
| 4 | <input type="checkbox"/> | 125.000  | 130.239    | 6965.06  | 0.0033 | P        | 3.0 |
| 5 | <input type="checkbox"/> | 250.000  | 236.137    | 11589.15 | 0.0058 | P        | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 505.876    | 23742.80 | 0.0121 | P        | 2.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.785    | 46018.19 | 0.0235 | P        | 2.4 |
| 8 | <input type="checkbox"/> |          |            | 626.69   | 0.0003 | P        | 5.5 |

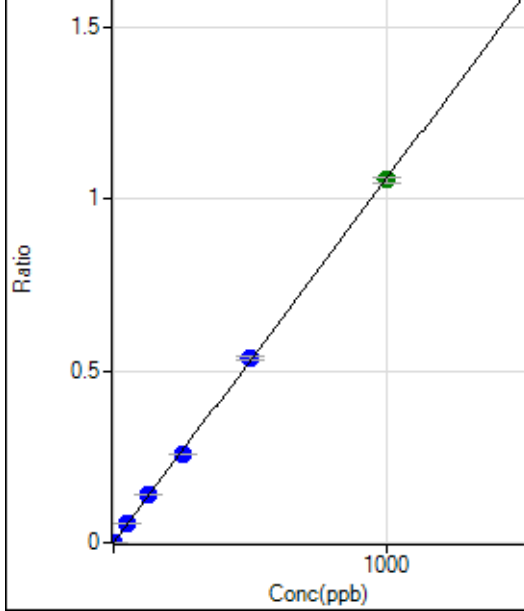
$$y = 2.3245\text{E-}005 * x + 2.9934\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.5059$$

Weight: &lt;None&gt;

Min Conc: 0

**107 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 17.78      | 0.0000 | P   | 27.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.008      | 2344.66    | 0.0011 | P   | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 53.511     | 120226.86  | 0.0567 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 131.836    | 292575.75  | 0.1397 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 242.444    | 514375.03  | 0.2569 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 508.817    | 1061689.23 | 0.5392 | P   | 2.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.450    | 2064498.51 | 1.0560 | A   | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 1907.92    | 0.0010 | P   | 19.3 |

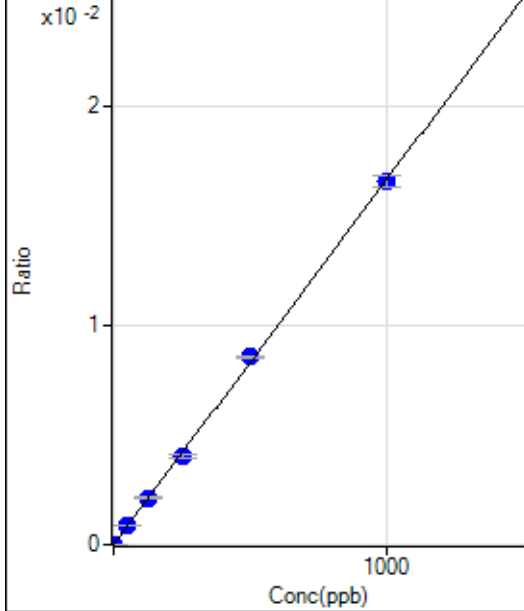
$$y = 0.0011 * x + 8.2280E-006$$

$$R = 0.9999$$

$$DL = 0.006432$$

Weight: &lt;None&gt;

Min Conc: 0

**108 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22     | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.704      | 27.78    | 0.0000 | P   | 34.3 |
| 3 | <input type="checkbox"/> | 50.000   | 51.711     | 1826.80  | 0.0009 | P   | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 127.415    | 4440.72  | 0.0021 | P   | 4.0  |
| 5 | <input type="checkbox"/> | 250.000  | 242.860    | 8091.21  | 0.0040 | P   | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 513.946    | 16840.96 | 0.0086 | P   | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.425    | 32349.40 | 0.0165 | P   | 3.1  |
| 8 | <input type="checkbox"/> |          |            | 43.33    | 0.0000 | P   | 22.1 |

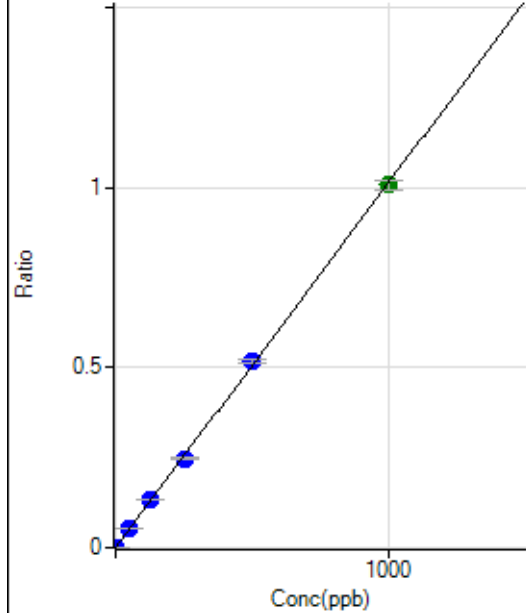
$$y = 1.6639E-005 * x + 1.0287E-006$$

$$R = 0.9998$$

$$DL = 0.1606$$

Weight: &lt;None&gt;

Min Conc: 0

**109 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33       | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 1.000    | 1.002      | 2212.42    | 0.0010 | P    | 4.9  |
| 3 | <input type="checkbox"/> | 50.000   | 53.538     | 114883.70  | 0.0542 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 132.788    | 281446.70  | 0.1344 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 244.179    | 494824.56  | 0.2472 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 511.913    | 1020259.13 | 0.5182 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.348    | 1967549.54 | 1.0065 | A    | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 1893.48    | 0.0010 | P    | 16.1 |

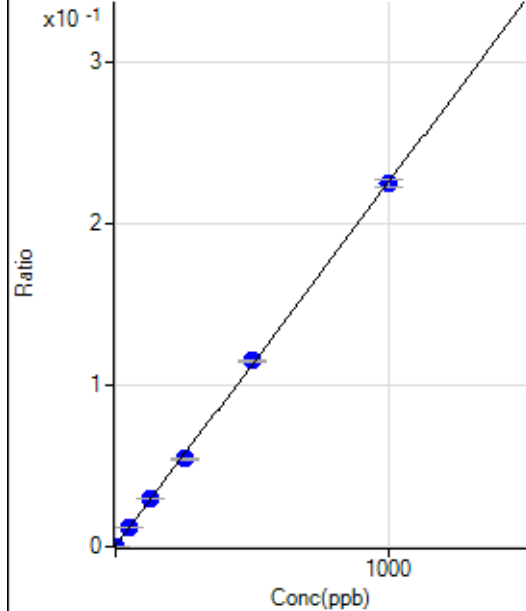
$$y = 0.0010 * x + 1.5599E-006$$

$$R = 0.9998$$

$$DL = 0.008008$$

Weight: &lt;None&gt;

Min Conc: 0

**111 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 453.68    | 0.0002 | P    | 1.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.030      | 964.26    | 0.0004 | P    | 4.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.699     | 25632.03  | 0.0121 | P    | 3.0 |
| 4 | <input type="checkbox"/> | 125.000  | 131.168    | 62369.88  | 0.0298 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 241.700    | 109518.33 | 0.0547 | P    | 1.9 |
| 6 | <input type="checkbox"/> | 500.000  | 510.711    | 227167.04 | 0.1154 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 995.814    | 439365.20 | 0.2247 | P    | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 852.81    | 0.0005 | P    | 3.7 |

$$y = 2.2548E-004 * x + 2.1036E-004$$

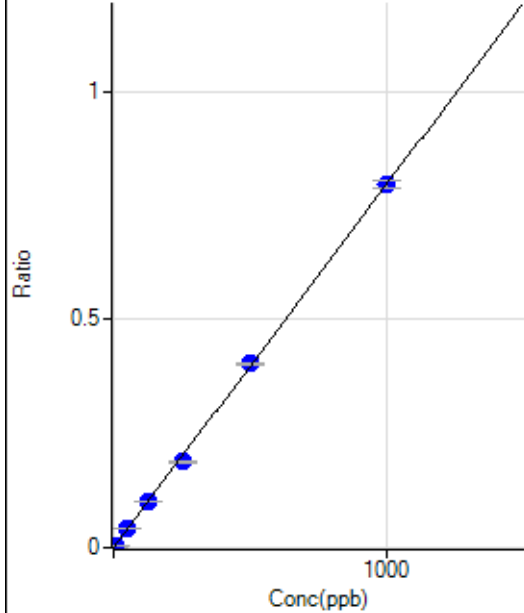
$$R = 0.9999$$

$$DL = 0.04175$$

Weight: &lt;None&gt;

Min Conc: 0



**118 Sn [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 408.90     | 0.0002 | P        | 4.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.048      | 9169.70    | 0.0042 | P        | 1.6 |
| 3 | <input type="checkbox"/> | 50.000   | 51.702     | 87674.56   | 0.0414 | P        | 2.7 |
| 4 | <input type="checkbox"/> | 125.000  | 127.913    | 213691.18  | 0.1021 | P        | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 236.784    | 377869.24  | 0.1887 | P        | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 507.184    | 795688.99  | 0.4041 | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.263    | 1556040.27 | 0.7959 | P        | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 2350.22    | 0.0013 | P        | 9.2 |

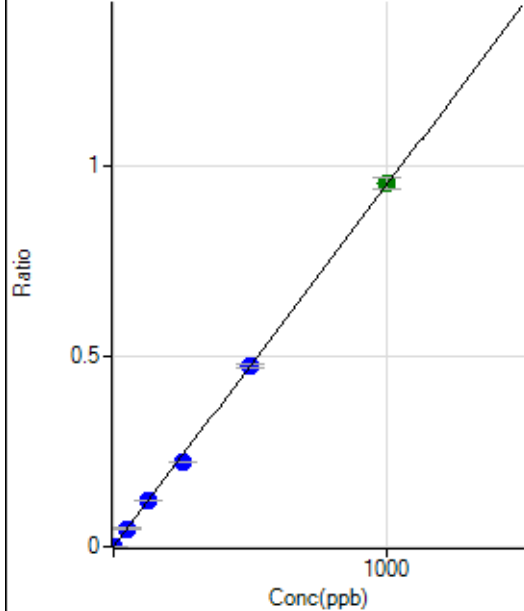
$$y = 7.9633\text{E-}004 * x + 1.8966\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.03046$$

Weight: &lt;None&gt;

Min Conc: 0

**121 Sb [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.00      | 0.0000 | P        | 1.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.988      | 4122.85    | 0.0019 | P        | 3.8 |
| 3 | <input type="checkbox"/> | 50.000   | 50.297     | 101025.92  | 0.0477 | P        | 1.8 |
| 4 | <input type="checkbox"/> | 125.000  | 126.122    | 250192.71  | 0.1195 | P        | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 233.891    | 443605.00  | 0.2216 | P        | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 500.268    | 933213.56  | 0.4739 | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.738   | 1858662.93 | 0.9509 | A        | 3.3 |
| 8 | <input type="checkbox"/> |          |            | 3019.24    | 0.0017 | P        | 6.7 |

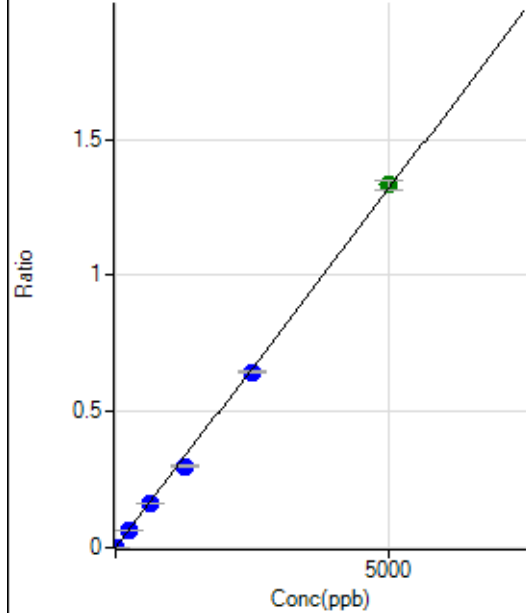
$$y = 9.4730\text{E-}004 * x + 9.2747\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.000293$$

Weight: &lt;None&gt;

Min Conc: 0

**135 Ba [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 21.11      | 0.0000 | P        | 48.6 |
| 2 | <input type="checkbox"/> | 10.000   | 9.252      | 5329.93    | 0.0024 | P        | 2.8  |
| 3 | <input type="checkbox"/> | 250.000  | 248.343    | 138695.29  | 0.0654 | P        | 1.7  |
| 4 | <input type="checkbox"/> | 625.000  | 612.837    | 338048.69  | 0.1614 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1138.801   | 600565.62  | 0.3000 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2445.466   | 1268472.93 | 0.6442 | P        | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5056.671   | 2603943.85 | 1.3320 | A        | 2.7  |
| 8 | <input type="checkbox"/> |          |            | 3194.84    | 0.0018 | P        | 9.4  |

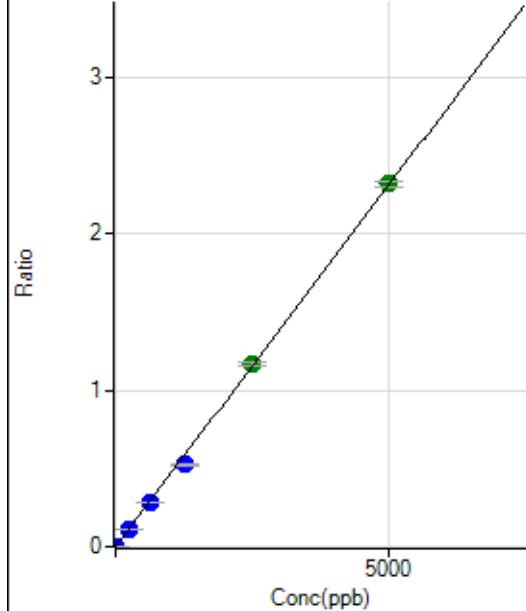
$$y = 2.6341E-004 * x + 9.8130E-006$$

$$R = 0.9996$$

$$DL = 0.05432$$

Weight: &lt;None&gt;

Min Conc: 0

**137 Ba [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P        | 30.2 |
| 2 | <input type="checkbox"/> | 10.000   | 9.533      | 9606.66    | 0.0044 | P        | 2.7  |
| 3 | <input type="checkbox"/> | 250.000  | 247.227    | 241896.70  | 0.1141 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 625.000  | 613.849    | 593216.60  | 0.2833 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1136.791   | 1050317.19 | 0.5246 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2521.976   | 2291855.00 | 1.1639 | A        | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5018.847   | 4528815.84 | 2.3162 | A        | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 5565.59    | 0.0031 | P        | 12.1 |

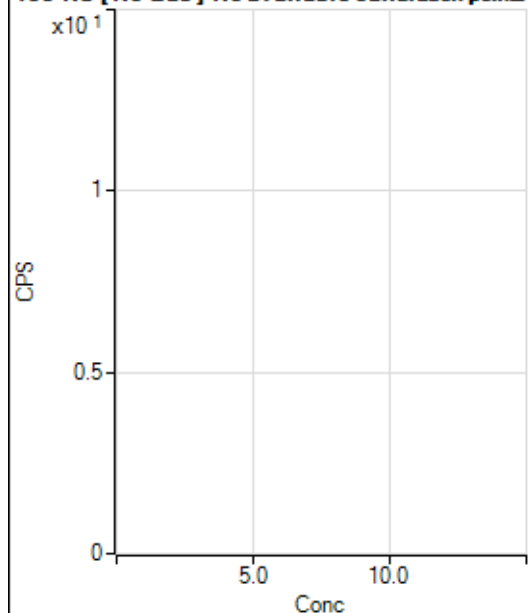
$$y = 4.6150E-004 * x + 1.0285E-005$$

$$R = 0.9997$$

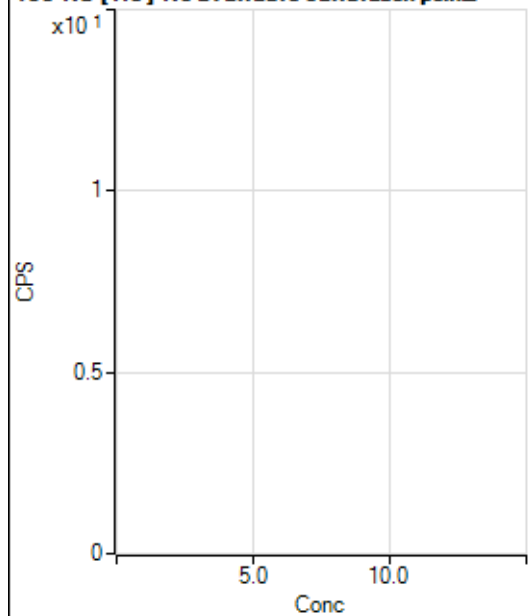
$$DL = 0.02017$$

Weight: &lt;None&gt;

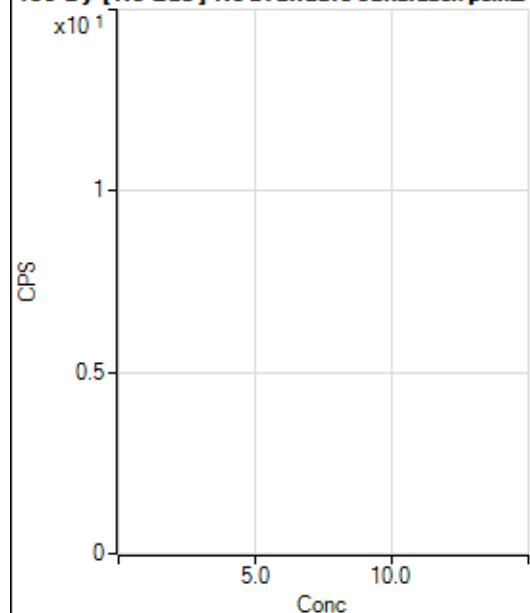
Min Conc: 0

**150 Nd [ No Gas ] No available calibration points**

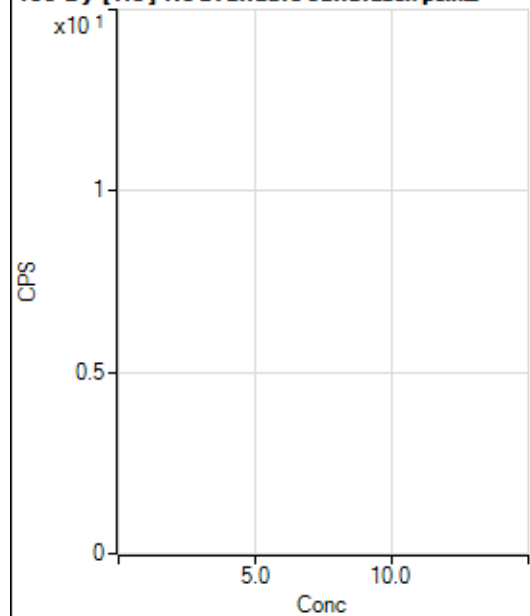
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 66.7 |
| 4 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 27.7 |
| 5 | <input type="checkbox"/> |       |            | 58.89  |       | P        | 14.2 |
| 6 | <input type="checkbox"/> |       |            | 132.23 |       | P        | 13.9 |
| 7 | <input type="checkbox"/> |       |            | 281.12 |       | P        | 8.1  |
| 8 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 47.9 |

**150 Nd [ He ] No available calibration points**

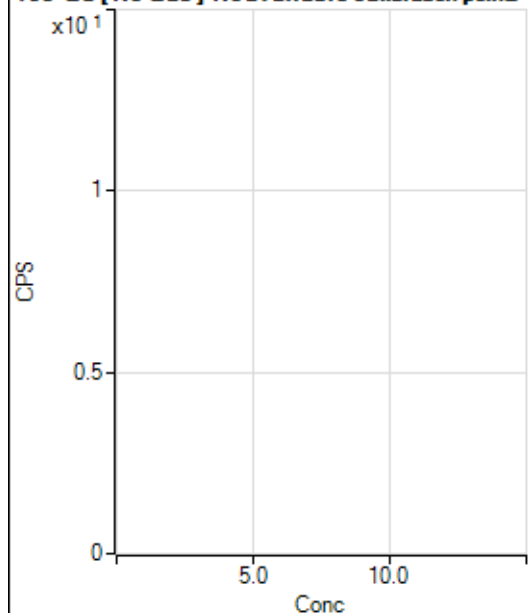
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5 |
| 5 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 26.7 |
| 6 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 28.6 |
| 7 | <input type="checkbox"/> |       |            | 45.55 |       | P        | 49.8 |
| 8 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 24.1 |

**156 Dy [ No Gas ] No available calibration points**

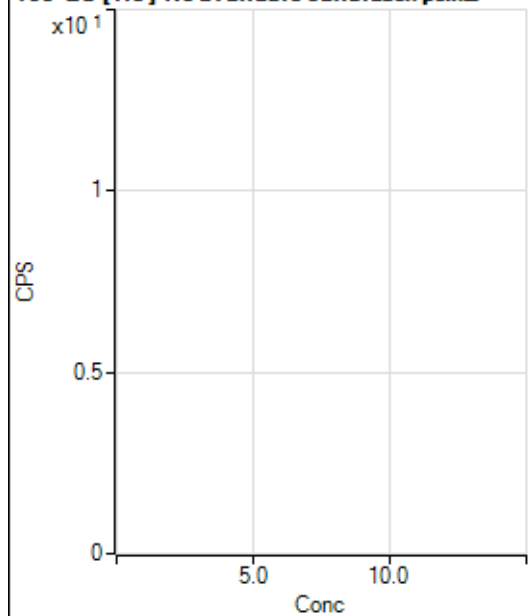
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 53.3 |
| 2 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 3 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 24.1 |
| 4 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 64.4 |
| 5 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 62.3 |
| 6 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 21.5 |
| 7 | <input type="checkbox"/> |       |            | 86.67 |       | P        | 10.2 |
| 8 | <input type="checkbox"/> |       |            | 73.33 |       | P        | 9.1  |

**156 Dy [ He ] No available calibration points**

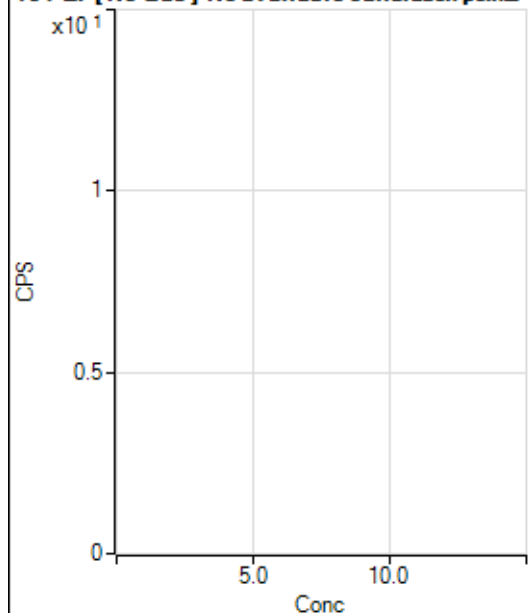
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4 |
| 2 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 13.33  |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 20.8 |
| 5 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 41.7 |
| 6 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 42.4 |
| 7 | <input type="checkbox"/> |       |            | 132.23 |       | P        | 25.9 |
| 8 | <input type="checkbox"/> |       |            | 68.89  |       | P        | 15.6 |

**160 Gd [ No Gas ] Noavailable calibration poin...**

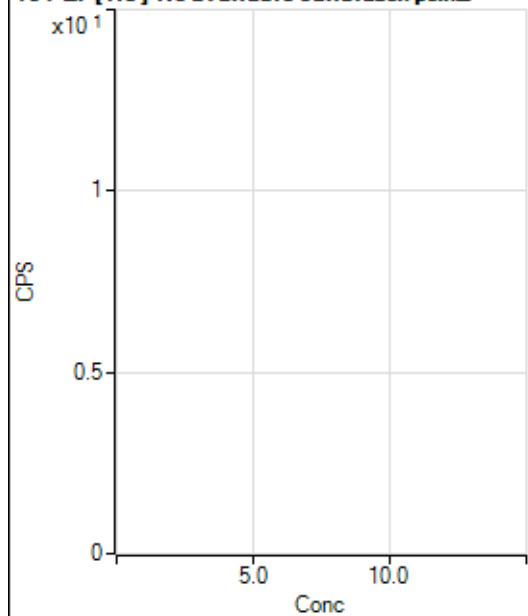
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 94.4 |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 6 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 53.9 |
| 7 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 29.0 |
| 8 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 33.0 |

**160 Gd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 68.89  |       | P        | 18.3 |
| 2 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 26.0 |
| 3 | <input type="checkbox"/> |       |            | 87.78  |       | P        | 12.2 |
| 4 | <input type="checkbox"/> |       |            | 85.55  |       | P        | 19.6 |
| 5 | <input type="checkbox"/> |       |            | 84.44  |       | P        | 20.3 |
| 6 | <input type="checkbox"/> |       |            | 96.67  |       | P        | 21.0 |
| 7 | <input type="checkbox"/> |       |            | 117.78 |       | P        | 14.0 |
| 8 | <input type="checkbox"/> |       |            | 141.11 |       | P        | 15.7 |

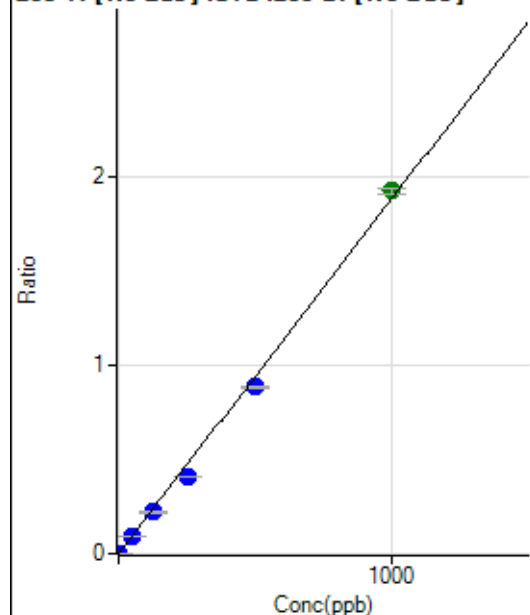
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.1 |
| 2 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 137. |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6 |
| 4 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 52.9 |
| 5 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 98.9 |
| 6 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 37.8 |
| 7 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 12.4 |
| 8 | <input type="checkbox"/> |       |            | 80.00 |       | P        | 11.0 |

**164 Er [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 2 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 3 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 5 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3 |
| 7 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 70.5 |
| 8 | <input type="checkbox"/> |       |            | 56.67 |       | P        | 25.6 |

203 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 42.22      | 0.0000 | P   | 19.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.904      | 2315.78    | 0.0017 | P   | 2.9  |
| 3 | <input type="checkbox"/> | 50.000   | 46.583     | 113361.62  | 0.0878 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 117.141    | 278273.76  | 0.2207 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 219.185    | 497132.99  | 0.4129 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 470.880    | 1051096.97 | 0.8871 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1023.417   | 2262138.52 | 1.9280 | A   | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 2009.06    | 0.0020 | P   | 17.6 |

$$y = 0.0019 * x + 3.1786E-005$$

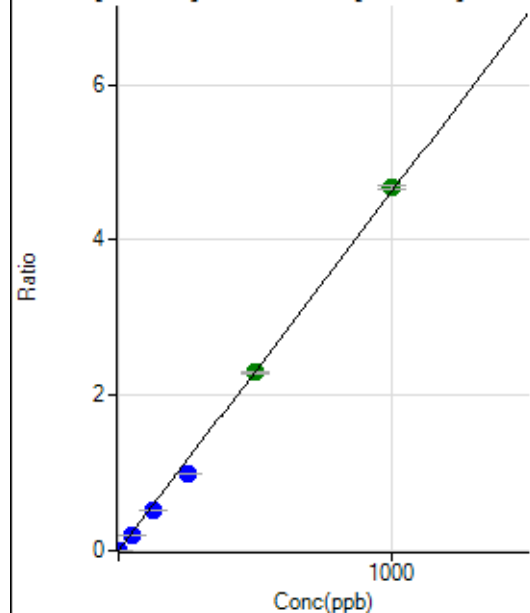
$$R = 0.9989$$

$$DL = 0.009973$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 126.67     | 0.0001 | P   | 9.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.865      | 5454.49    | 0.0041 | P   | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 45.325     | 270246.67  | 0.2093 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 114.509    | 666447.57  | 0.5286 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 214.618    | 1192549.60 | 0.9906 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 497.032    | 2718107.91 | 2.2940 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1011.875   | 5479550.82 | 4.6700 | A   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 4944.31    | 0.0049 | P   | 14.6 |

$$y = 0.0046 * x + 9.5399E-005$$

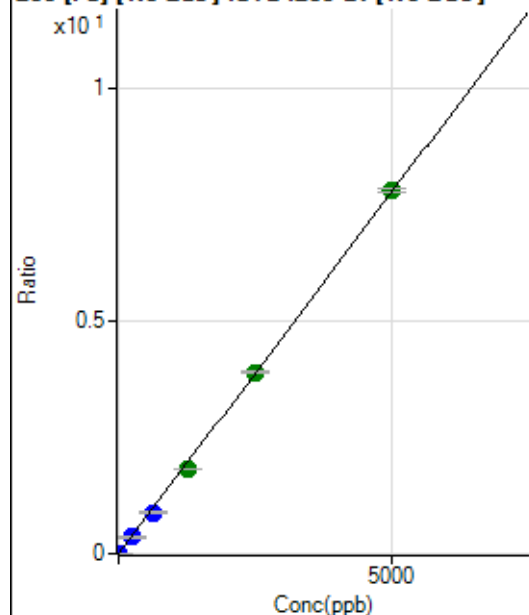
$$R = 0.9993$$

$$DL = 0.005796$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 87.78      | 0.0001 | P    | 21.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.839      | 1825.70    | 0.0014 | P    | 1.0  |
| 3 | <input type="checkbox"/> | 250.000  | 227.567    | 455872.03  | 0.3530 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 625.000  | 571.762    | 1118239.63 | 0.8869 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1173.616   | 2191486.69 | 1.8204 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2506.111   | 4605731.95 | 3.8871 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5023.817   | 9142829.66 | 7.7921 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 8309.35    | 0.0083 | P    | 15.0 |

$$y = 0.0016 * x + 6.6119E-005$$

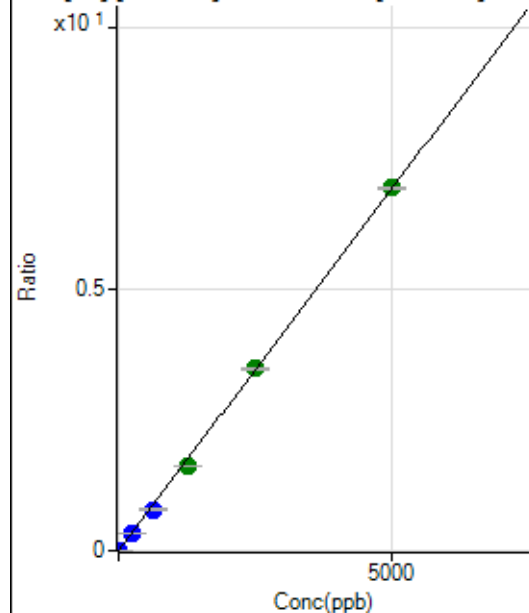
$$R = 0.9998$$

$$DL = 0.0278$$

Weight: &lt;None&gt;

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 98.89      | 0.0001 | P    | 5.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.876      | 1716.79    | 0.0013 | P    | 2.1  |
| 3 | <input type="checkbox"/> | 250.000  | 227.600    | 406666.79  | 0.3149 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 625.000  | 568.803    | 992174.93  | 0.7869 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1172.696   | 1952954.78 | 1.6223 | A    | 1.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2520.190   | 4130795.15 | 3.4863 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5017.376   | 8144001.41 | 6.9407 | A    | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 7555.54    | 0.0076 | P    | 13.7 |

$$y = 0.0014 * x + 7.4471E-005$$

$$R = 0.9998$$

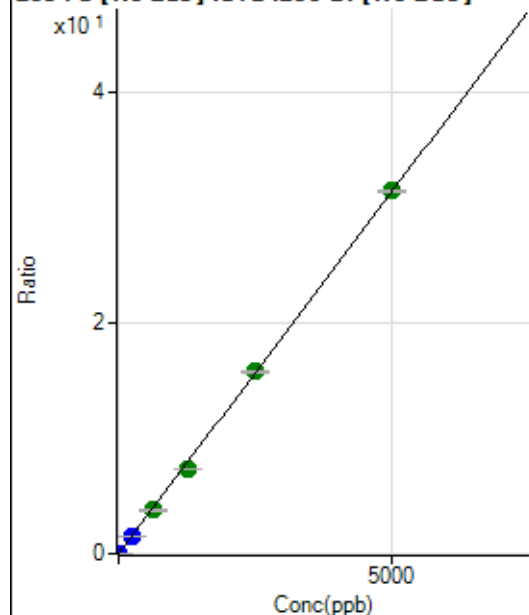
$$DL = 0.008572$$

Weight: &lt;None&gt;

Min Conc: 0



208 Pb [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 378.90      | 0.0003  | P        | 4.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.881      | 7749.85     | 0.0058  | P        | 0.9  |
| 3 | <input type="checkbox"/> | 250.000  | 228.419    | 1848526.75  | 1.4315  | P        | 0.8  |
| 4 | <input type="checkbox"/> | 625.000  | 599.437    | 4736001.88  | 3.7562  | A        | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1167.531   | 8807109.94  | 7.3157  | A        | 1.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2514.469   | 18668550.14 | 15.7552 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 5017.657   | 36890008.41 | 31.4394 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 34175.33    | 0.0342  | P        | 13.5 |

$$y = 0.0063 * x + 2.8531E-004$$

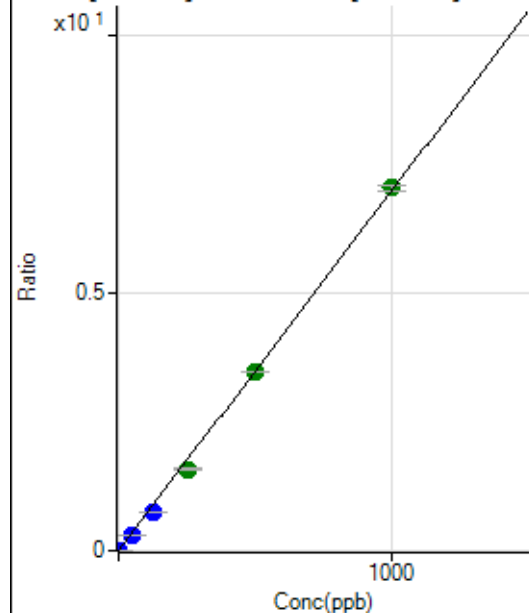
$$R = 0.9998$$

$$DL = 0.00588$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.33      | 0.0000 | P        | 43.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.834      | 7772.32    | 0.0058 | P        | 1.4  |
| 3 | <input type="checkbox"/> | 50.000   | 43.229     | 389136.20  | 0.3013 | P        | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 109.286    | 960535.40  | 0.7618 | P        | 0.1  |
| 5 | <input type="checkbox"/> | 250.000  | 227.153    | 1906129.12 | 1.5834 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 498.424    | 4116768.34 | 3.4743 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.803   | 8250833.77 | 7.0319 | A        | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 6778.49    | 0.0068 | P        | 14.5 |

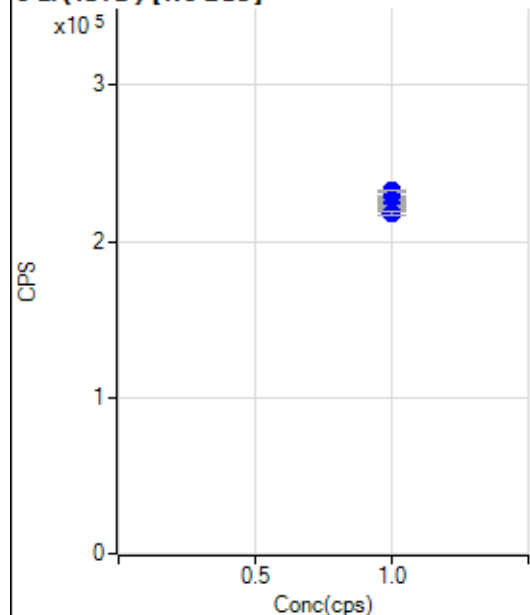
$$y = 0.0070 * x + 1.0047E-005$$

$$R = 0.9997$$

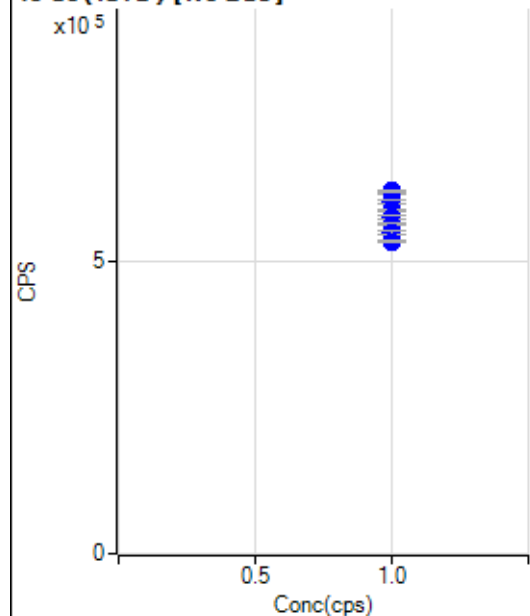
$$DL = 0.001883$$

Weight: &lt;None&gt;

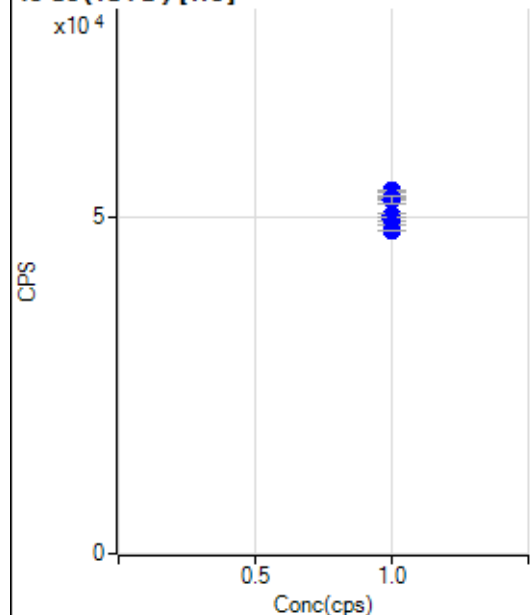
Min Conc: 0

**6 Li (ISTD) [No Gas]**

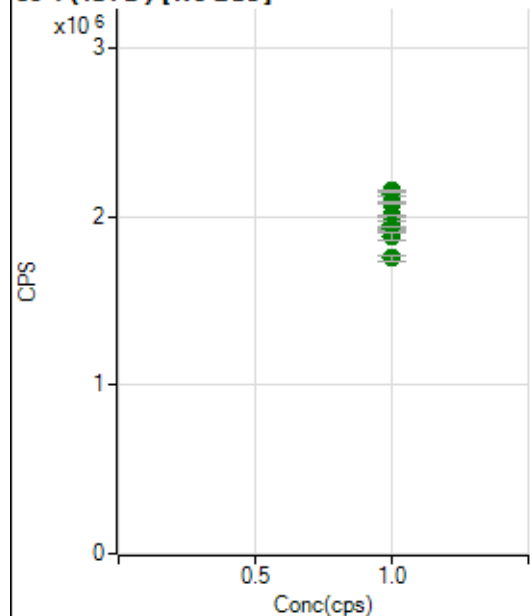
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 225482.47 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 228538.38 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 223948.08 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 221077.38 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 232322.62 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 226455.19 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 222446.50 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 218075.39 |       | P        | 1.6 |

**45 Sc (ISTD) [No Gas]**

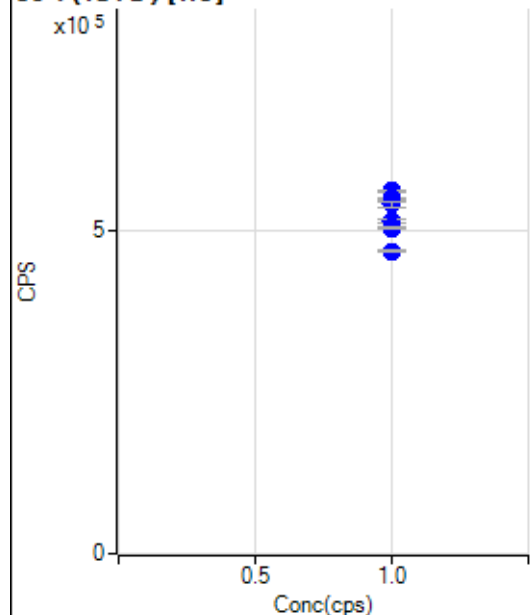
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 618794.20 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 622415.25 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 603225.20 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 589779.80 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 577828.45 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 565460.29 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 552402.12 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 535931.33 |       | P        | 0.6 |

**45 Sc (ISTD) [He]**

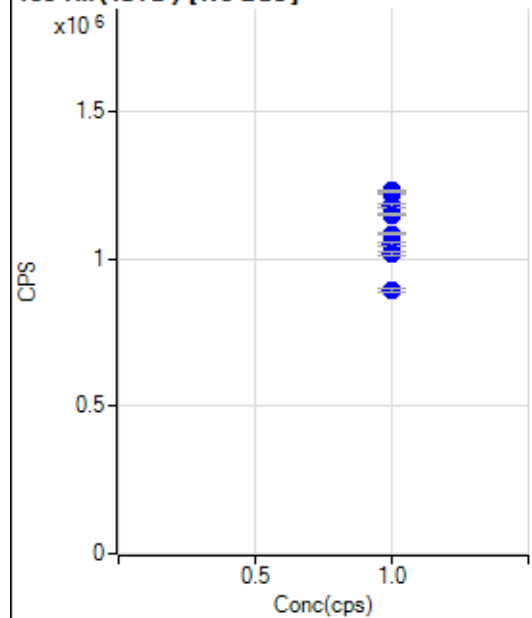
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 53889.87 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 52736.92 |       | P        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 52746.94 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 52506.17 |       | P        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 50141.54 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 49696.64 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 48788.30 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 48050.40 |       | P        | 0.0 |

**89 Y (ISTD) [No Gas]**

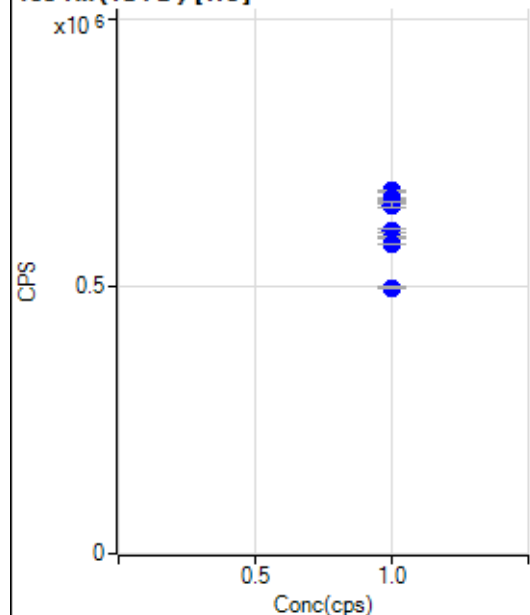
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2132335.82 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2154613.53 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2082660.00 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2005218.76 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1952800.25 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1927551.26 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1885178.72 |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1754762.40 |       | A        | 2.0 |

**89 Y(ISTD) [He]**

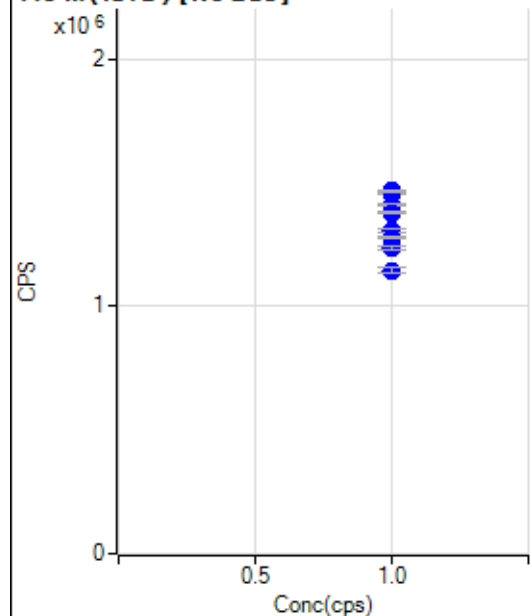
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 561292.27 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 549775.74 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 545852.42 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 541309.85 |       | P        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 513794.95 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 504874.87 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 503434.93 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 467700.87 |       | P        | 0.5 |

**103 Rh(ISTD) [No Gas]**

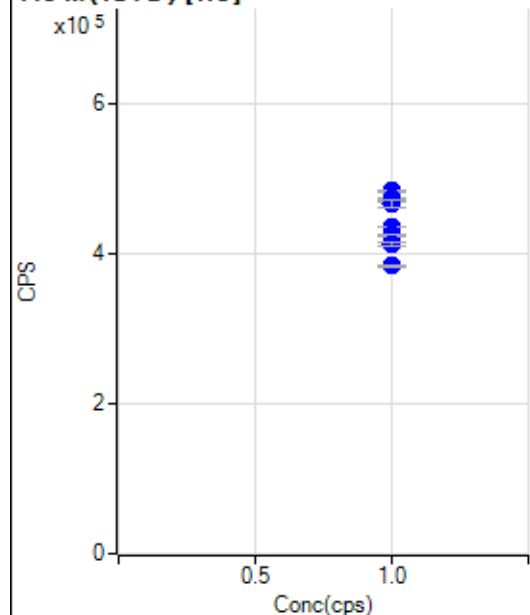
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1222885.37 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1231365.68 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1178495.17 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1151044.31 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1085725.05 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1049119.03 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1020026.06 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 895986.44  |       | P        | 1.4 |

**103 Rh (ISTD) [He]**

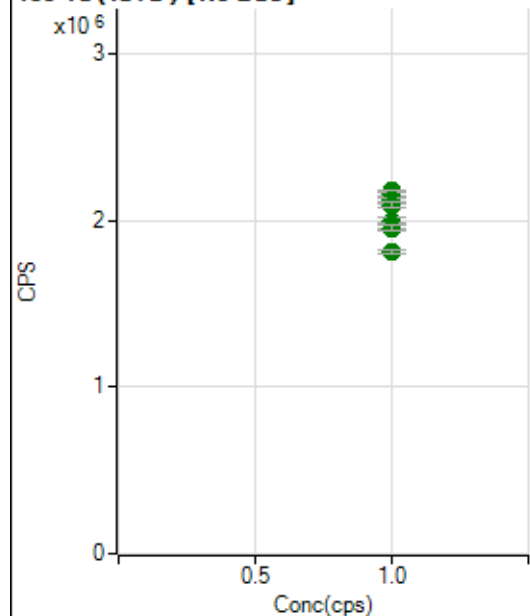
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 678685.60 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 663992.58 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 657275.24 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 651568.94 |       | P        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 604842.60 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 590249.61 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 579104.24 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 497743.19 |       | P        | 0.4 |

**115 In (ISTD) [No Gas]**

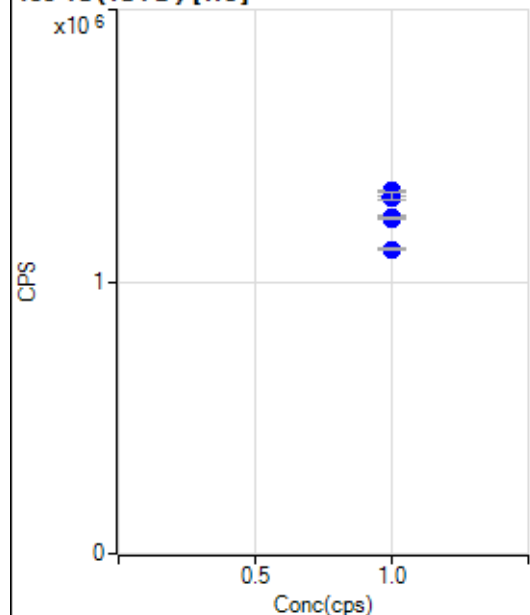
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1456666.64 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1466575.96 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1408448.83 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1378916.51 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1305724.50 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1276982.08 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1237087.36 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1142895.20 |       | P        | 2.0 |

**115 In (ISTD) [He]**

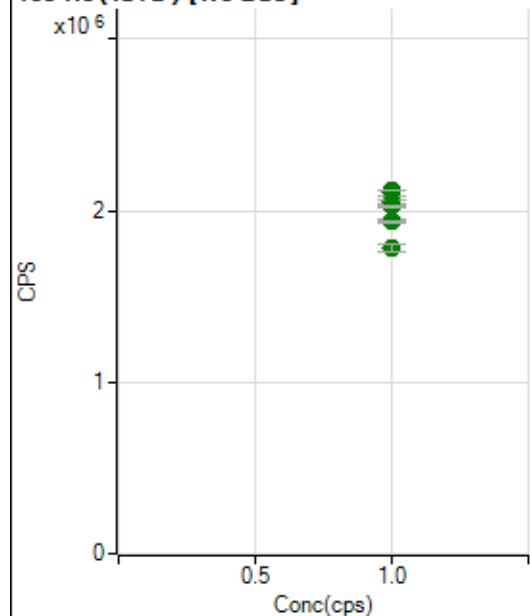
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 483250.59 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 472878.05 |       | P        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 469237.27 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 466362.53 |       | P        | 1.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 435575.80 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 424271.79 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 412408.67 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 383279.56 |       | P        | 0.2 |

**159 Tb (ISTD) [No Gas]**

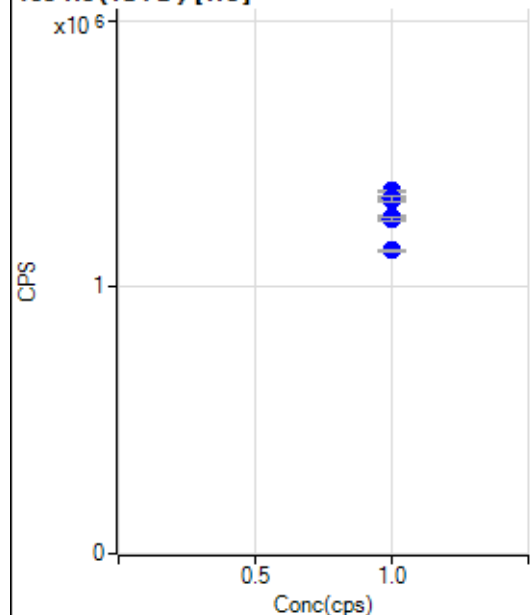
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2156552.45 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2178291.12 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2120186.93 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2094162.54 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2002328.82 |       | A        | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1969377.65 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1955543.34 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1813482.28 |       | A        | 1.8 |

**159 Tb (ISTD) [He]**

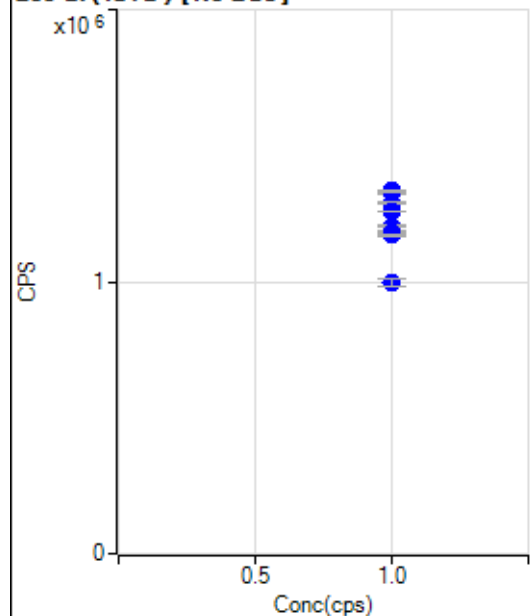
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1335544.28 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1309604.15 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1307931.83 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1316040.03 |       | P        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1240337.60 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1232001.78 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1235023.53 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1120321.03 |       | P        | 0.5 |

**165 Ho (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2104510.13 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2115008.23 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2049589.22 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2027732.04 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1937313.58 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1936369.85 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1935507.73 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1779373.50 |       | A        | 2.8 |

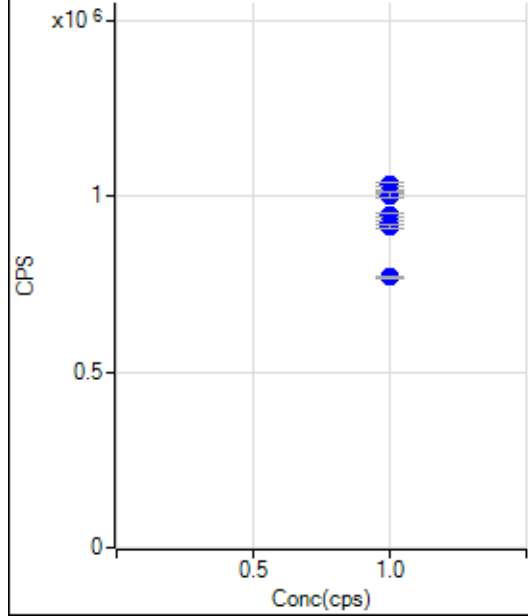
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1360428.63 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1327511.33 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1331312.38 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1331092.64 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1262648.64 |       | P        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1255784.46 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1254313.70 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1138284.54 |       | P        | 0.5 |

**209 Bi (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1327934.03 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1335162.26 |       | P        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1291366.37 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1260889.89 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1203897.36 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1184937.08 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1173402.78 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 996461.33  |       | P        | 2.5 |



**209 Bi (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1032210.93 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1007912.99 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1013934.22 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1003879.02 |       | P        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 945599.93  |       | P        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 924474.93  |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 913164.33  |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 769356.71  |       | P        | 0.8 |