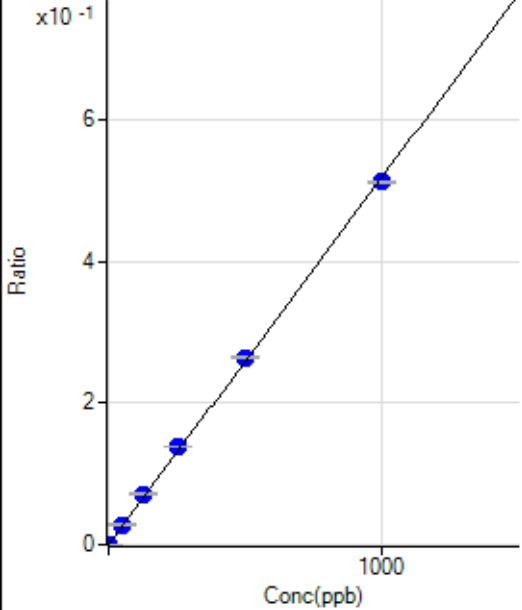


# Calibration for 002CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100224-MS1.b\  
 Analysis File: P7100224-MS1.batch.bin  
 DA Date-Time: 2024-10-02 16:13:08  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-10-02 10:40:19 |
| 2     | 005CALS.d          | S02         | 2024-10-02 10:43:37 |
| 3     | 006CALS.d          | S03         | 2024-10-02 10:46:55 |
| 4     | 007CALS.d          | S04         | 2024-10-02 10:50:03 |
| 5     | 008CALS.d          | S05         | 2024-10-02 10:53:02 |
| 6     | 009CALS.d          | S06         | 2024-10-02 10:55:54 |
| 7     | 010CALS.d          | S07         | 2024-10-02 10:58:44 |
| 8     | 011CALS.d          | S08         | 2024-10-02 11:01:29 |

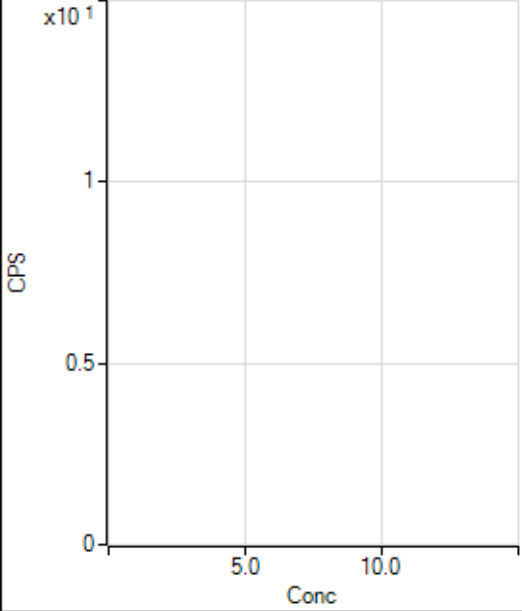
9 Be [No Gas] ISTD:6 Li [No Gas]



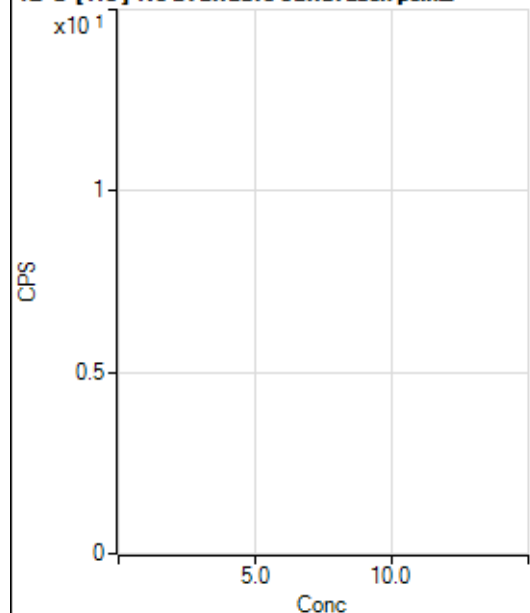
|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.11      | 0.0000 | P   | 43.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.094      | 1200.06    | 0.0006 | P   | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 54.741     | 58150.37   | 0.0284 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 138.243    | 145778.51  | 0.0716 | P   | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 266.524    | 274793.55  | 0.1381 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 509.840    | 520096.45  | 0.2641 | P   | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.056    | 1011540.80 | 0.5124 | P   | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 244.45     | 0.0001 | P   | 11.6 |

y = 5.1806E-004 \* x + 2.0301E-005  
R = 0.9997  
DL = 0.05061  
Weight: <None>  
Min Conc: 0

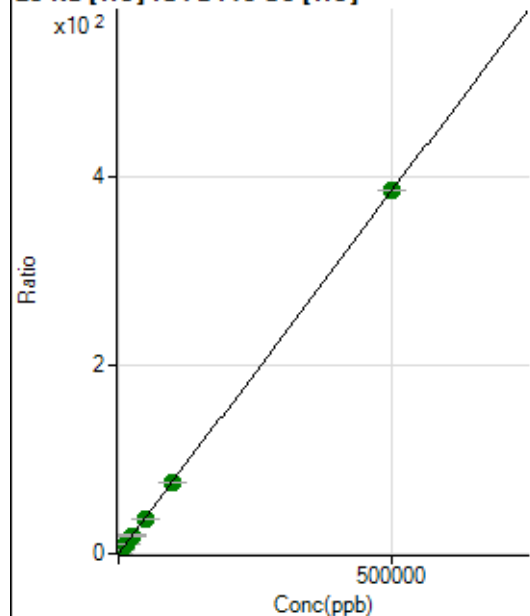
12 C [No Gas] No available calibration points



|   | Rj<br>ct                 | 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      | 6724.86     | 0.0142   | P        | 3.1 |
| 2 | <input type="checkbox"/> | 500.000   | 498.051    | 185788.40   | 0.3970   | P        | 2.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5012.805   | 1813933.86  | 3.8672   | A        | 2.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 12645.034  | 4353007.37  | 9.7335   | A        | 3.0 |
| 5 | <input type="checkbox"/> | 25000.000 | 25027.778  | 8128270.15  | 19.2513  | A        | 2.7 |
| 6 | <input type="checkbox"/> | 50000.000 | 48624.571  | 15731074.76 | 37.3884  | A        | 1.6 |
| 7 | <input type="checkbox"/> | 100000.00 | 97764.206  | 31635800.64 | 75.1585  | A        | 0.2 |
| 8 | <input type="checkbox"/> | 500000.00 | 500579.56  | 162434490.9 | 384.7737 | A        | 0.2 |

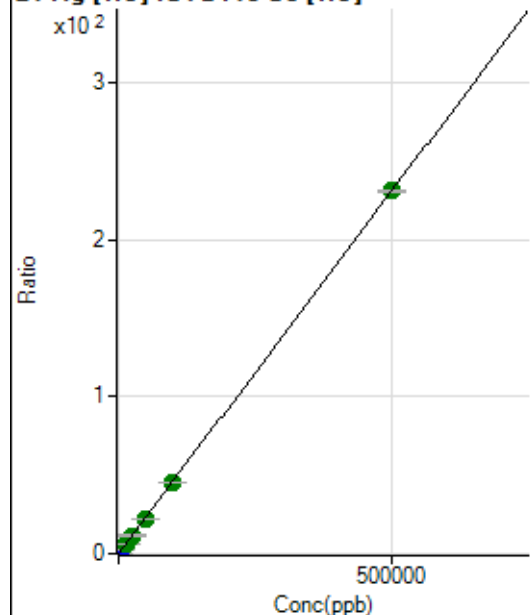
$$y = 7.6863\text{E-}004 * x + 0.0142$$

$$R = 1.0000$$

$$DL = 1.718$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 397.79      | 0.0008   | P    | 5.4 |
| 2 | <input type="checkbox"/> | 500.000   | 527.408    | 114187.44   | 0.2440   | P    | 1.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5208.474   | 1126867.89  | 2.4023   | P    | 1.4 |
| 4 | <input type="checkbox"/> | 12500.000 | 12729.876  | 2625394.37  | 5.8701   | A    | 2.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 24990.410  | 4865296.07  | 11.5229  | A    | 2.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 48419.250  | 9393399.16  | 22.3250  | A    | 1.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 97721.293  | 18965024.58 | 45.0563  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 500606.43  | 97437578.55 | 230.8107 | A    | 0.2 |

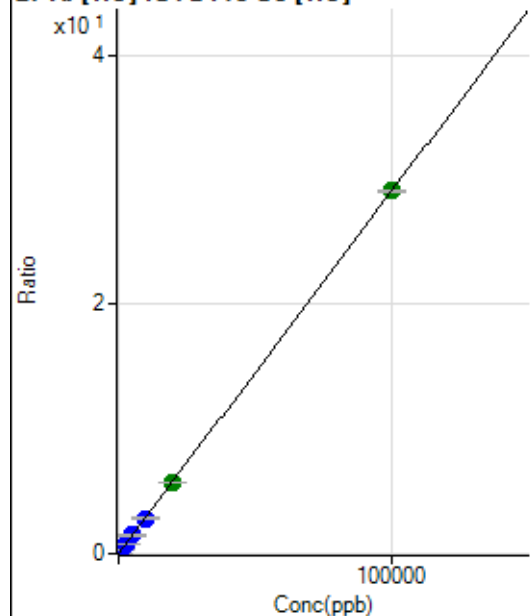
$$y = 4.6106\text{E-}004 * x + 8.4131\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2932$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 81.11       | 0.0002  | P    | 7.0 |
| 2 | <input type="checkbox"/> | 20.000    | 19.485     | 2730.27     | 0.0058  | P    | 5.9 |
| 3 | <input type="checkbox"/> | 1000.000  | 1018.511   | 139003.63   | 0.2963  | P    | 1.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2569.580   | 334261.08   | 0.7474  | P    | 1.9 |
| 5 | <input type="checkbox"/> | 5000.000  | 5052.030   | 620260.66   | 1.4692  | P    | 3.0 |
| 6 | <input type="checkbox"/> | 10000.000 | 9772.739   | 1195764.16  | 2.8419  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 20000.000 | 19471.879  | 2383308.84  | 5.6622  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 100000.00 | 100123.82  | 12290825.93 | 29.1143 | A    | 0.3 |

$$y = 2.9078\text{E-}004 * x + 1.7159\text{E-}004$$

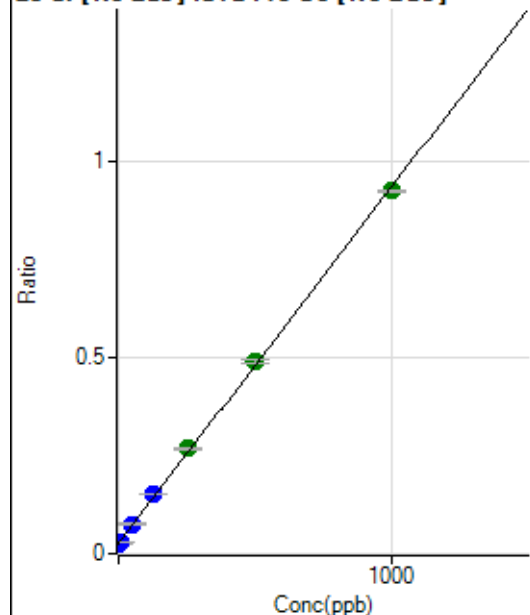
$$R = 1.0000$$

$$DL = 0.1236$$

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      | 147088.56  | 0.0266 | P   | 5.7 |
| 2 | <input type="checkbox"/> | 10.000   | 2.127      | 161551.60  | 0.0286 | P   | 2.0 |
| 3 | <input type="checkbox"/> | 50.000   | 53.649     | 419437.48  | 0.0753 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 125.000  | 137.196    | 818289.30  | 0.1512 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 267.130    | 1400582.70 | 0.2691 | A   | 2.0 |
| 6 | <input type="checkbox"/> | 500.000  | 509.546    | 2455883.25 | 0.4892 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 989.316    | 4656352.01 | 0.9248 | A   | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 163390.14  | 0.0323 | P   | 0.0 |

$$y = 9.0784\text{E-}004 * x + 0.0266$$

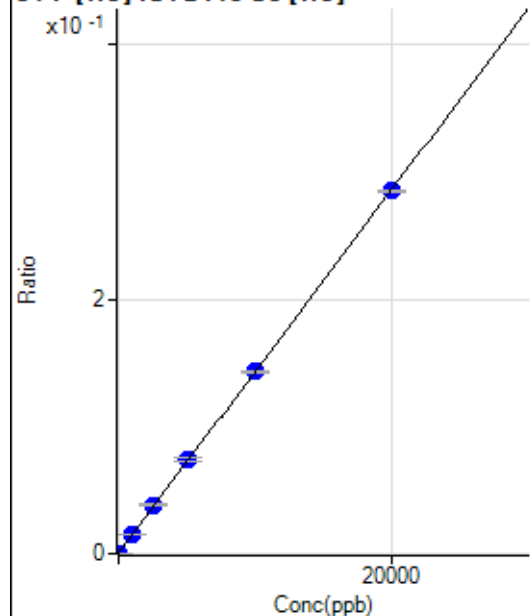
$$R = 0.9996$$

$$DL = 5.005$$

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     | -16.195    | 100.00    | 0.0002 | P   | 32.8 |
| 2 | <input type="checkbox"/> | 0.000     | 16.195     | 314.45    | 0.0007 | P   | 13.0 |
| 3 | <input type="checkbox"/> | 1000.000  | 1010.101   | 6961.64   | 0.0148 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2657.409   | 17143.03  | 0.0383 | P   | 3.2  |
| 5 | <input type="checkbox"/> | 5000.000  | 5155.157   | 31207.41  | 0.0739 | P   | 3.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 9982.999   | 60065.01  | 0.1428 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 20000.000 | 19949.530  | 119890.23 | 0.2848 | P   | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 143.34    | 0.0003 | P   | 4.3  |

$$y = 1.4255\text{E-}005 * x + 4.4146\text{E-}004$$

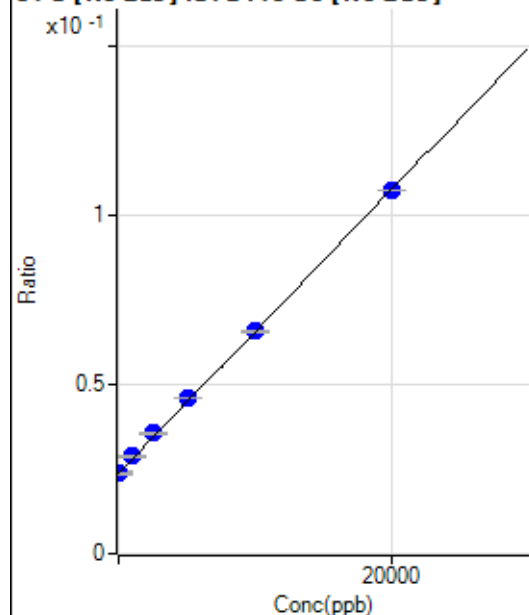
$$R = 0.9999$$

$$DL = 16.47$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 38.752     | 132379.41 | 0.0240 | P    | 5.5 |
| 2 | <input type="checkbox"/> | 0.000     | -38.752    | 133733.87 | 0.0236 | P    | 0.8 |
| 3 | <input type="checkbox"/> | 1000.000  | 1193.795   | 160462.02 | 0.0288 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2811.238   | 192777.38 | 0.0356 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 5000.000  | 5263.052   | 238979.07 | 0.0459 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 10000.000 | 9992.846   | 330273.40 | 0.0658 | P    | 1.1 |
| 7 | <input type="checkbox"/> | 20000.000 | 19889.220  | 540625.03 | 0.1074 | P    | 0.1 |
| 8 | <input type="checkbox"/> |           |            | 107125.37 | 0.0212 | P    | 1.2 |

$$y = 4.2016\text{E-}006 * x + 0.0238$$

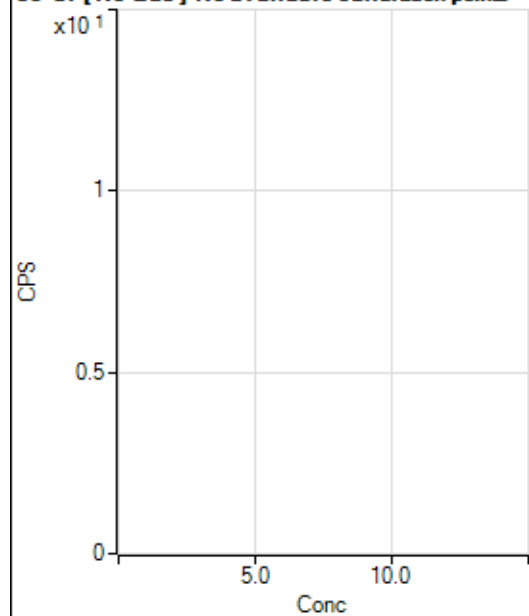
R = 0.9998

DL = 543.7

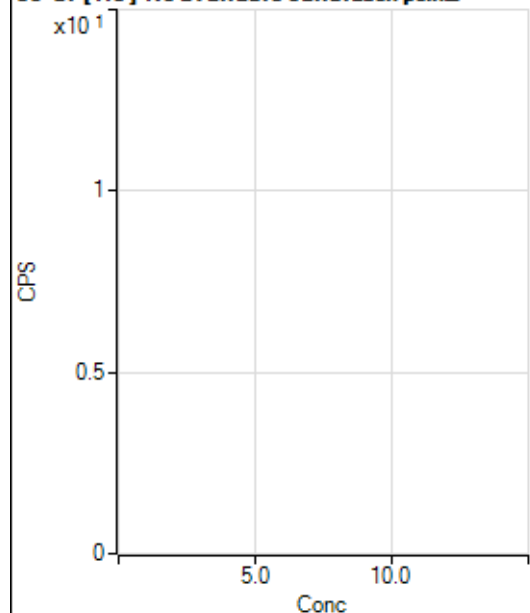
Weight: <None>

Min Conc: 0

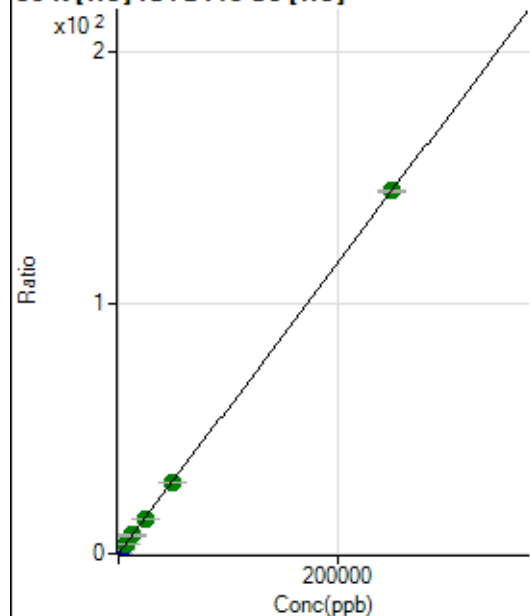
35 Cl [No Gas] No available calibration points



|   | R <sub>j</sub><br>ct     | 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      | 32592.69    | 0.0689   | P        | 2.6 |
| 2 | <input type="checkbox"/> | 500.000   | 516.462    | 171818.59   | 0.3672   | P        | 2.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2704.937   | 765142.31   | 1.6312   | P        | 1.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6342.982   | 1669391.95  | 3.7324   | A        | 2.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12519.116  | 3081441.52  | 7.2995   | A        | 3.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24060.455  | 5875887.41  | 13.9653  | A        | 1.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 48895.442  | 11915754.27 | 28.3090  | A        | 0.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 250309.50  | 61058535.20 | 144.6382 | A        | 0.8 |

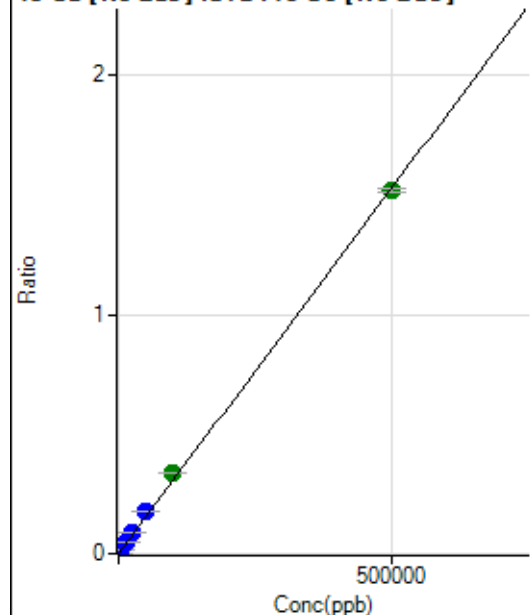
$$y = 5.7756E-004 * x + 0.0689$$

$$R = 1.0000$$

$$DL = 9.181$$

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      | 181.12     | 0.0000 | P    | 8.4 |
| 2 | <input type="checkbox"/> | 500.000   | 506.780    | 8939.37    | 0.0016 | P    | 2.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 6035.154   | 102801.43  | 0.0185 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 15212.205  | 251646.68  | 0.0465 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 25000.000 | 29671.392  | 471787.92  | 0.0907 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 57758.942  | 885715.06  | 0.1764 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 110844.05  | 1704710.81 | 0.3386 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 496743.56  | 7678861.14 | 1.5172 | A    | 1.0 |

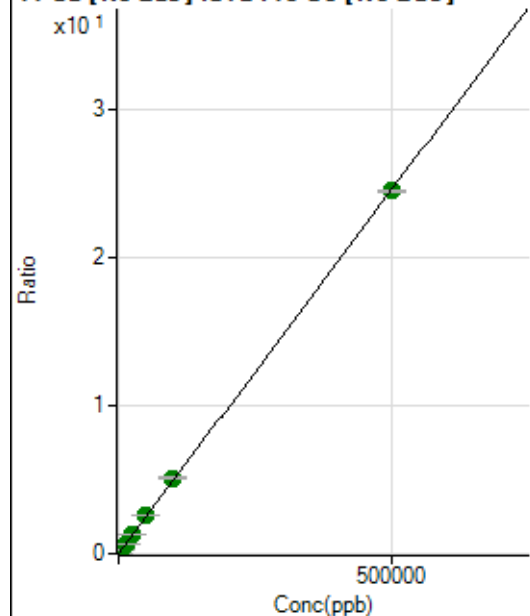
$$y = 3.0542\text{E-}006 * x + 3.2817\text{E-}005$$

$$R = 0.9997$$

$$DL = 2.692$$

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      | 5404.62     | 0.0010  | P    | 3.8 |
| 2 | <input type="checkbox"/> | 500.000   | 516.994    | 148884.28   | 0.0263  | P    | 1.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5467.531   | 1497804.67  | 0.2690  | A    | 0.6 |
| 4 | <input type="checkbox"/> | 12500.000 | 13650.126  | 3627231.16  | 0.6702  | A    | 0.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 26872.198  | 6861086.84  | 1.3183  | A    | 0.8 |
| 6 | <input type="checkbox"/> | 50000.000 | 52710.477  | 12976703.14 | 2.5850  | A    | 1.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 104157.15  | 25714880.17 | 5.1071  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 498770.46  | 123761675.9 | 24.4525 | A    | 0.6 |

$$y = 4.9024\text{E-}005 * x + 9.7766\text{E-}004$$

$$R = 1.0000$$

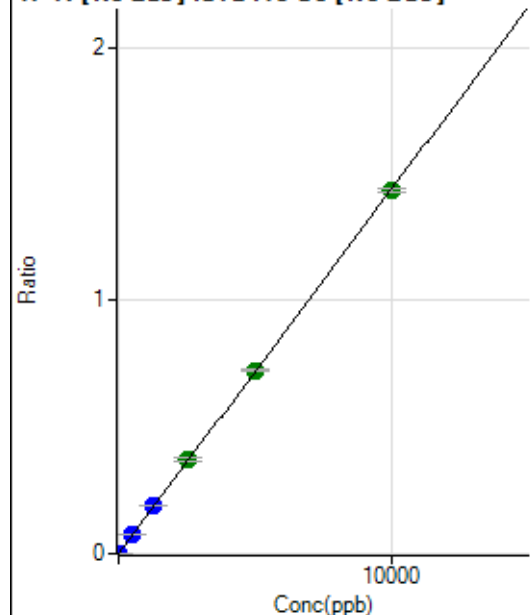
$$DL = 2.293$$

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      | 74.45      | 0.0000 | P   | 4.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.817      | 3997.23    | 0.0007 | P   | 4.1 |
| 3 | <input type="checkbox"/> | 500.000   | 528.566    | 423680.99  | 0.0761 | P   | 1.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1332.459   | 1038218.10 | 0.1918 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2585.762   | 1936993.85 | 0.3722 | A   | 2.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 5022.436   | 3629425.92 | 0.7230 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9955.606   | 7215771.77 | 1.4331 | A   | 1.2 |
| 8 | <input type="checkbox"/> |           |            | 1492.31    | 0.0003 | P   | 7.4 |

$$y = 1.4395E-004 * x + 1.3432E-005$$

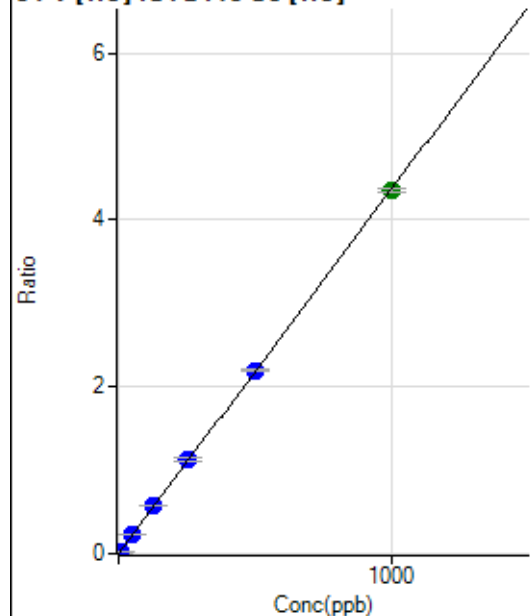
$$R = 0.9999$$

$$DL = 0.01109$$

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      | 11.11      | 0.0000 | P   | 49.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.097      | 10431.47   | 0.0223 | P   | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.163     | 106940.92  | 0.2280 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 131.293    | 256652.06  | 0.5738 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 259.426    | 478620.70  | 1.1337 | P   | 3.2  |
| 6 | <input type="checkbox"/> | 500.000  | 503.496    | 925803.95  | 2.2004 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.000    | 1830287.42 | 4.3483 | A   | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 414.45     | 0.0010 | P   | 6.3  |

$$y = 0.0044 * x + 2.3712E-005$$

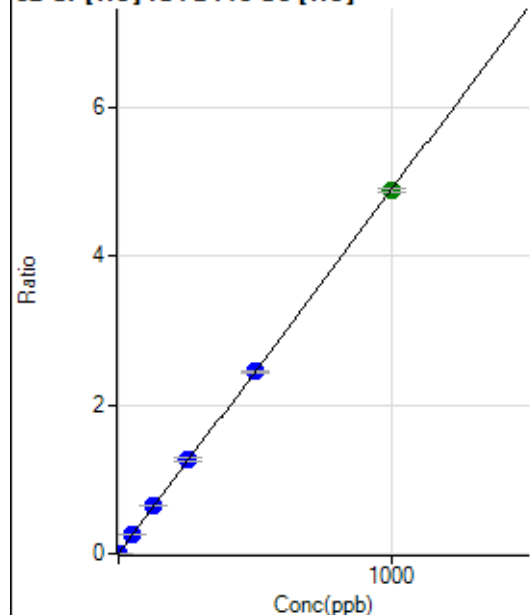
$$R = 0.9999$$

$$DL = 0.007988$$

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      | 1172.28    | 0.0025 | P   | 7.0 |
| 2 | <input type="checkbox"/> | 2.000    | 2.049      | 5842.30    | 0.0125 | P   | 5.6 |
| 3 | <input type="checkbox"/> | 50.000   | 52.306     | 121046.39  | 0.2581 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 125.000  | 131.387    | 288228.33  | 0.6444 | P   | 2.2 |
| 5 | <input type="checkbox"/> | 250.000  | 259.594    | 536473.44  | 1.2709 | P   | 3.5 |
| 6 | <input type="checkbox"/> | 500.000  | 500.099    | 1029156.30 | 2.4460 | P   | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 996.638    | 2050786.72 | 4.8721 | A   | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 8875.04    | 0.0210 | P   | 3.6 |

$$y = 0.0049 * x + 0.0025$$

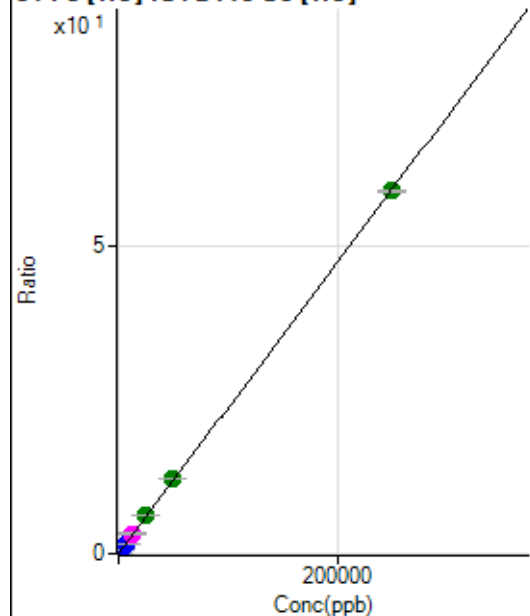
$$R = 0.9999$$

$$DL = 0.1073$$

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      | 1342.30     | 0.0028  | P   | 8.9 |
| 2 | <input type="checkbox"/> | 50.000    | 55.513     | 7458.58     | 0.0159  | P   | 2.0 |
| 3 | <input type="checkbox"/> | 2500.000  | 2845.108   | 316251.81   | 0.6742  | P   | 1.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 7170.166   | 757991.99   | 1.6947  | P   | 1.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 13552.219  | 1350524.61  | 3.2006  | M   | 5.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 25932.470  | 2575885.39  | 6.1219  | A   | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 51690.252  | 5135132.84  | 12.1998 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249489.63  | 24853756.30 | 58.8729 | A   | 0.3 |

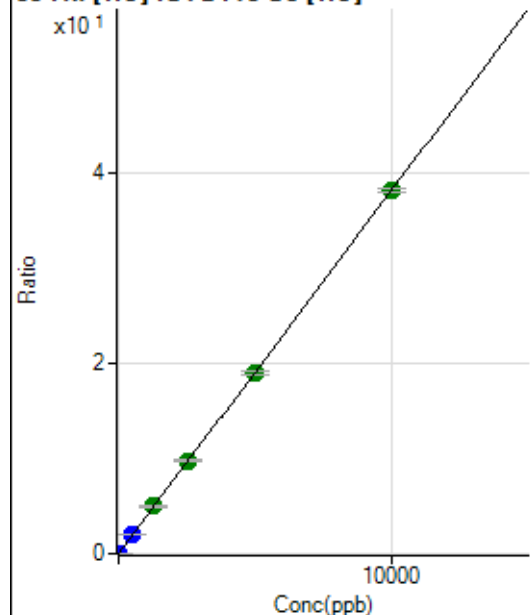
$$y = 2.3596E-004 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 3.209$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>55</sup>Mn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 454.45      | 0.0010  | P   | 5.0 |
| 2 | <input type="checkbox"/> | 1.000     | 1.044      | 2315.76     | 0.0049  | P   | 4.8 |
| 3 | <input type="checkbox"/> | 500.000   | 523.647    | 938950.80   | 2.0017  | P   | 1.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1296.817   | 2216543.68  | 4.9558  | A   | 1.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2556.925   | 4124687.54  | 9.7705  | A   | 3.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 4981.508   | 8008800.51  | 19.0343 | A   | 1.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9987.980   | 16063443.79 | 38.1630 | A   | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 8381.29     | 0.0199  | P   | 1.6 |

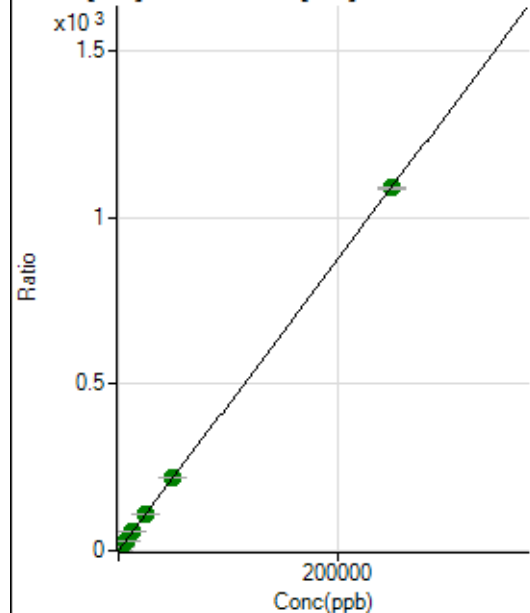
$$y = 0.0038 * x + 9.6113E-004$$

$$R = 1.0000$$

$$DL = 0.03797$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>56</sup>Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 10841.76    | 0.0229    | P   | 4.0 |
| 2 | <input type="checkbox"/> | 50.000    | 53.581     | 119937.60   | 0.2563    | P   | 2.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2632.917   | 5390371.24  | 11.4916   | A   | 1.8 |
| 4 | <input type="checkbox"/> | 6250.000  | 6628.618   | 12924169.67 | 28.8965   | A   | 1.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13099.947  | 24100247.70 | 57.0849   | A   | 2.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 25583.832  | 46899057.08 | 111.4634  | A   | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50713.795  | 92992218.61 | 220.9270  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 249758.06  | 459277686.4 | 1,087.943 | A   | 0.3 |

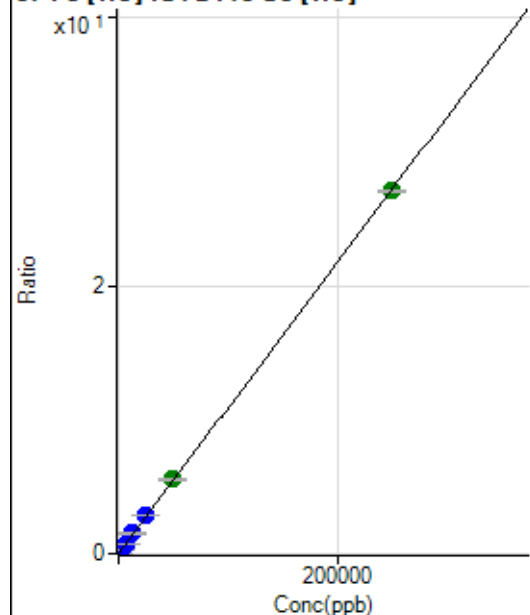
$$y = 0.0044 * x + 0.0229$$

$$R = 1.0000$$

$$DL = 0.6328$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>57</sup>Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 783.36      | 0.0017  | P    | 7.8 |
| 2 | <input type="checkbox"/> | 50.000    | 55.372     | 3583.80     | 0.0077  | P    | 4.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2779.057   | 142101.81   | 0.3029  | P    | 1.8 |
| 4 | <input type="checkbox"/> | 6250.000  | 7007.594   | 340542.34   | 0.7614  | P    | 1.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 13924.169  | 638006.74   | 1.5112  | P    | 2.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 26832.487  | 1224690.46  | 2.9107  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 51087.235  | 2331953.80  | 5.5402  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 249506.36  | 11419740.94 | 27.0515 | A    | 0.7 |

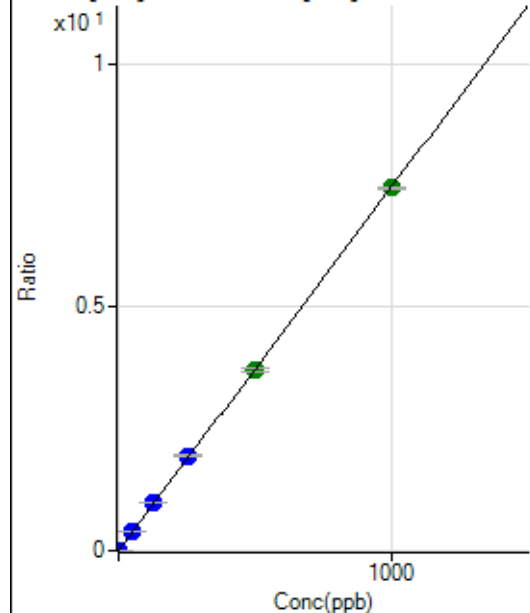
$$y = 1.0841\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 3.595$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>59</sup>Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 127.78     | 0.0003 | P    | 6.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.052      | 3800.52    | 0.0081 | P    | 8.0 |
| 3 | <input type="checkbox"/> | 50.000   | 53.049     | 185992.42  | 0.3965 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 125.000  | 132.958    | 444283.60  | 0.9934 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 250.000  | 261.184    | 823765.77  | 1.9511 | P    | 2.8 |
| 6 | <input type="checkbox"/> | 500.000  | 496.933    | 1561729.89 | 3.7120 | A    | 2.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.590    | 3136486.10 | 7.4515 | A    | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 8647.01    | 0.0205 | P    | 2.6 |

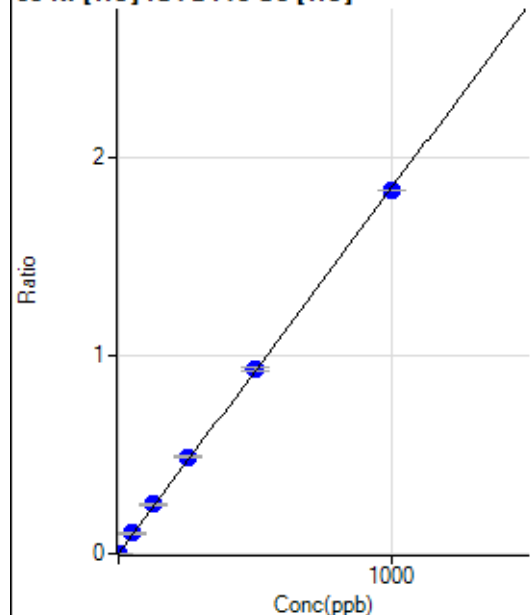
$$y = 0.0075 * x + 2.6973\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.00726$$

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      | 296.67    | 0.0006 | P   | 7.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.129      | 1267.84   | 0.0027 | P   | 2.3 |
| 3 | <input type="checkbox"/> | 50.000   | 54.919     | 47828.15  | 0.1020 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 134.609    | 111369.50 | 0.2490 | P   | 1.6 |
| 5 | <input type="checkbox"/> | 250.000  | 265.286    | 206912.51 | 0.4901 | P   | 3.0 |
| 6 | <input type="checkbox"/> | 500.000  | 504.872    | 392217.20 | 0.9322 | P   | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 992.295    | 770936.90 | 1.8315 | P   | 0.1 |
| 8 | <input type="checkbox"/> |          |            | 3518.22   | 0.0083 | P   | 1.2 |

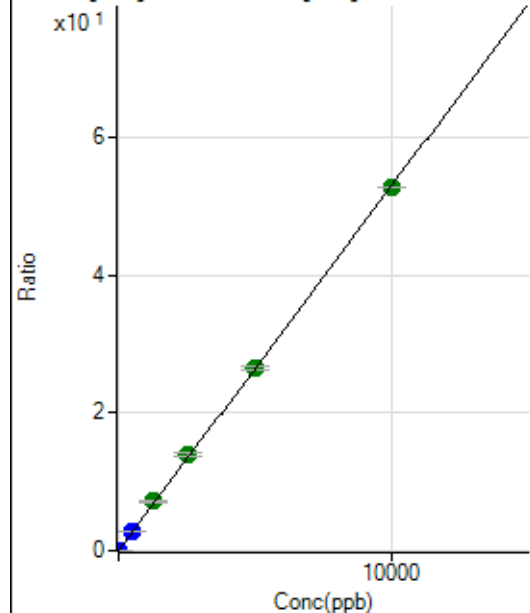
$$y = 0.0018 * x + 6.2585E-004$$

$$R = 0.9998$$

$$DL = 0.07884$$

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      | 521.13      | 0.0011  | P   | 0.4 |
| 2 | <input type="checkbox"/> | 2.000     | 1.910      | 5254.31     | 0.0112  | P   | 3.1 |
| 3 | <input type="checkbox"/> | 500.000   | 533.746    | 1328315.81  | 2.8317  | P   | 1.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1344.499   | 3189428.29  | 7.1314  | A   | 2.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 2630.153   | 5888812.55  | 13.9497 | A   | 3.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 5015.293   | 11190778.44 | 26.5988 | A   | 2.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9946.315   | 22203460.50 | 52.7497 | A   | 0.1 |
| 8 | <input type="checkbox"/> |           |            | 210250.98   | 0.4980  | P   | 0.4 |

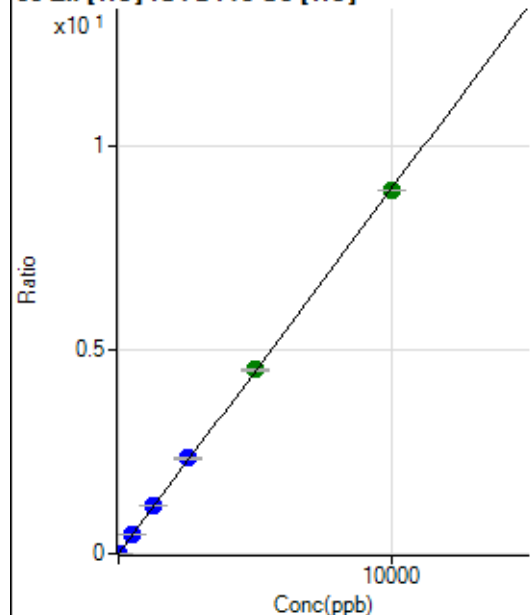
$$y = 0.0053 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.002573$$

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      | 323.34     | 0.0007 | P   | 8.4 |
| 2 | <input type="checkbox"/> | 5.000     | 5.165      | 2479.12    | 0.0053 | P   | 5.5 |
| 3 | <input type="checkbox"/> | 500.000   | 526.326    | 221067.00  | 0.4713 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1321.158   | 528639.28  | 1.1819 | P   | 2.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2618.796   | 988811.34  | 2.3422 | P   | 2.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5038.544   | 1895876.60 | 4.5057 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9940.818   | 3741502.89 | 8.8889 | A   | 0.1 |
| 8 | <input type="checkbox"/> |           |            | 2183.51    | 0.0052 | P   | 4.1 |

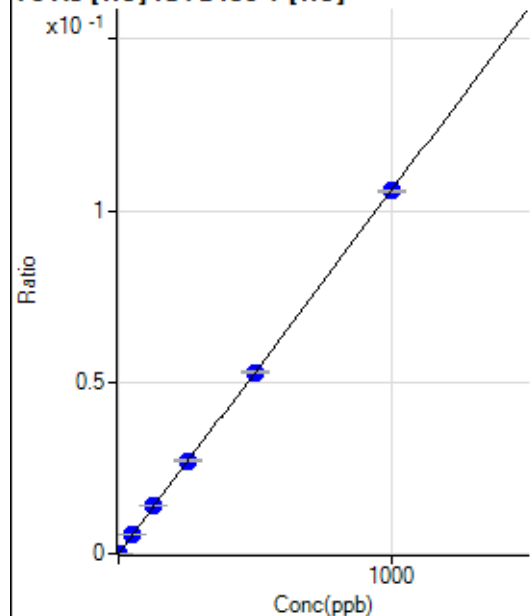
$$y = 8.9411\text{E-}004 * x + 6.8233\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1917$$

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      | 7.78      | 0.0000 | P   | 48.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.056      | 320.01    | 0.0001 | P   | 13.5 |
| 3 | <input type="checkbox"/> | 50.000   | 52.765     | 15656.12  | 0.0056 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 132.636    | 37838.12  | 0.0141 | P   | 3.1  |
| 5 | <input type="checkbox"/> | 250.000  | 256.524    | 70369.92  | 0.0272 | P   | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 497.887    | 135916.32 | 0.0527 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.333    | 272831.34 | 0.1058 | P   | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 164.45    | 0.0001 | P   | 12.5 |

$$y = 1.0593\text{E-}004 * x + 2.7355\text{E-}006$$

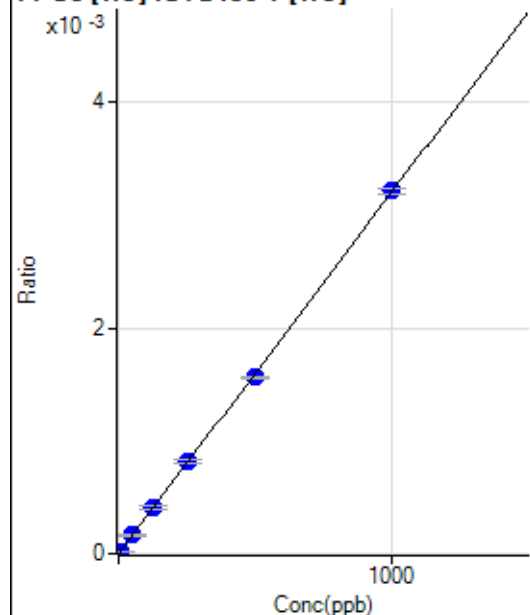
$$R = 1.0000$$

$$DL = 0.03741$$

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    | 5.109      | 45.56   | 0.0000 | P   | 26.1 |
| 3 | <input type="checkbox"/> | 50.000   | 50.882     | 455.57  | 0.0002 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.970    | 1094.50 | 0.0004 | P   | 5.7  |
| 5 | <input type="checkbox"/> | 250.000  | 253.651    | 2100.17 | 0.0008 | P   | 4.2  |
| 6 | <input type="checkbox"/> | 500.000  | 487.692    | 4019.48 | 0.0016 | P   | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.950   | 8291.29 | 0.0032 | P   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 5.55    | 0.0000 | P   | 68.5 |

$$y = 3.1981\text{E-}006 * x + 0.0000\text{E+}000$$

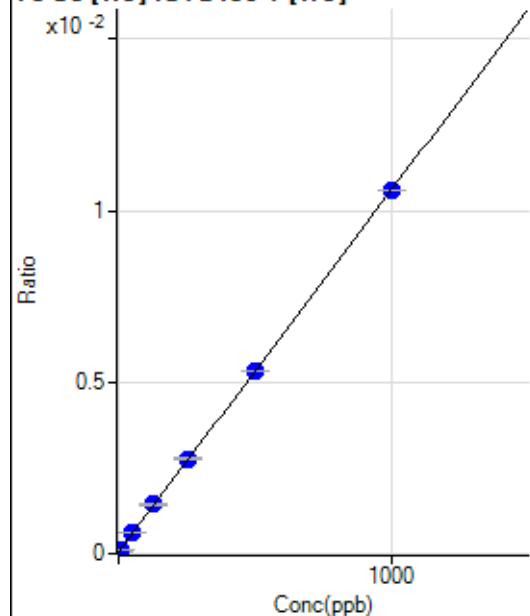
$$R = 0.9999$$

$$DL = 0$$

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      | 148.89   | 0.0001 | P   | 18.8 |
| 2 | <input type="checkbox"/> | 5.000    | 4.326      | 274.45   | 0.0001 | P   | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 52.304     | 1692.34  | 0.0006 | P   | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 132.771    | 3912.78  | 0.0015 | P   | 3.9  |
| 5 | <input type="checkbox"/> | 250.000  | 256.888    | 7156.23  | 0.0028 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 498.989    | 13700.86 | 0.0053 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.700    | 27288.54 | 0.0106 | P   | 0.0  |
| 8 | <input type="checkbox"/> |          |            | 126.67   | 0.0000 | P   | 20.9 |

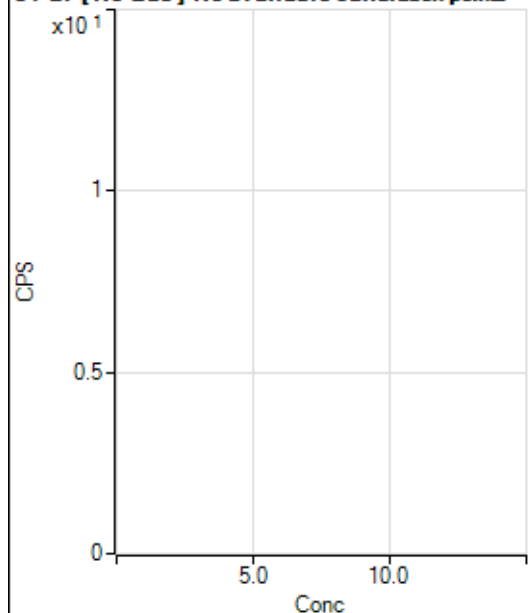
$$y = 1.0549\text{E-}005 * x + 5.2675\text{E-}005$$

$$R = 0.9999$$

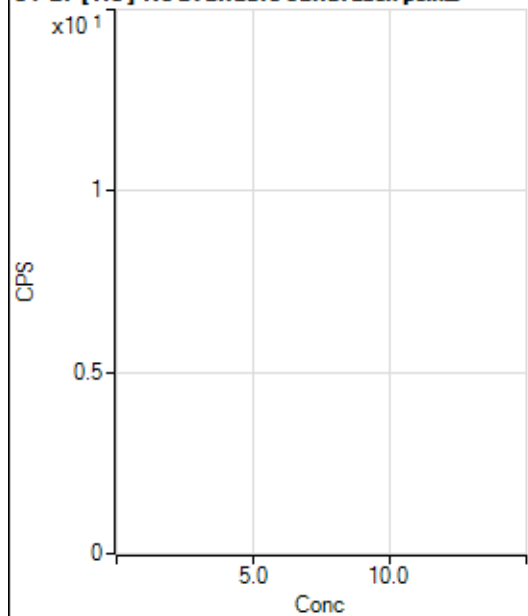
$$DL = 2.823$$

Weight: &lt;None&gt;

Min Conc: 0

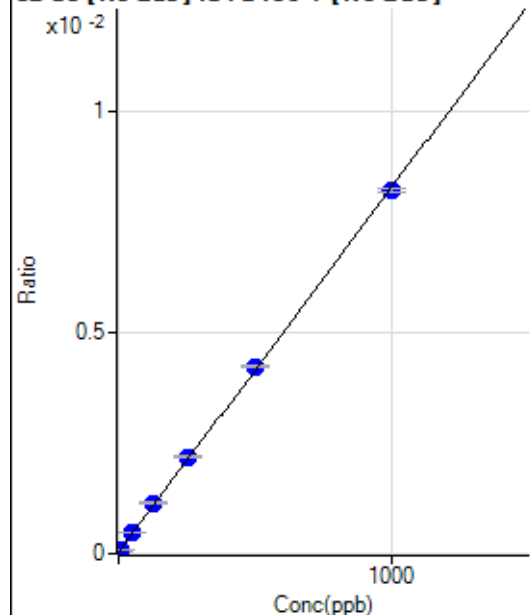
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 7471.95 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> |       |            | 7358.58 |       | P        | 1.0 |
| 3 | <input type="checkbox"/> |       |            | 7518.65 |       | P        | 1.5 |
| 4 | <input type="checkbox"/> |       |            | 7505.31 |       | P        | 2.2 |
| 5 | <input type="checkbox"/> |       |            | 6955.04 |       | P        | 4.0 |
| 6 | <input type="checkbox"/> |       |            | 6817.20 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> |       |            | 6682.68 |       | P        | 3.0 |
| 8 | <input type="checkbox"/> |       |            | 7246.28 |       | P        | 2.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 28.6 |
| 2 | <input type="checkbox"/> |       |            | 58.89 |       | P        | 21.4 |
| 3 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 17.6 |
| 4 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 22.2 |
| 5 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 4.6  |
| 6 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 24.1 |
| 7 | <input type="checkbox"/> |       |            | 51.11 |       | P        | 19.9 |
| 8 | <input type="checkbox"/> |       |            | 53.33 |       | P        | 6.3  |



**82 Se [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      | 387.00   | 0.0000 | P        | 11.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.365      | 905.06   | 0.0001 | P        | 2.3  |
| 3 | <input type="checkbox"/> | 50.000   | 53.247     | 5506.68  | 0.0005 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 135.575    | 12995.13 | 0.0012 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 261.735    | 24088.36 | 0.0022 | P        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 509.582    | 45628.39 | 0.0042 | P        | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.789    | 89673.46 | 0.0082 | P        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 464.08   | 0.0000 | P        | 8.8  |

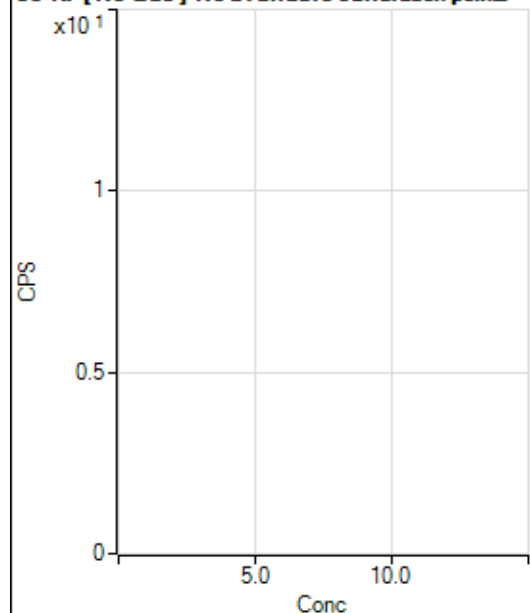
$$y = 8.2405E-006 * x + 3.3856E-005$$

$$R = 0.9998$$

$$DL = 1.389$$

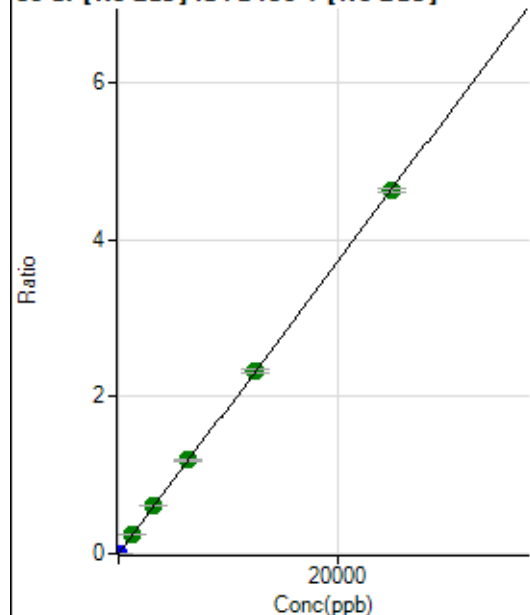
Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 142.23 |       | P        | 19.9 |
| 2 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 9.1  |
| 3 | <input type="checkbox"/> |       |            | 113.33 |       | P        | 20.6 |
| 4 | <input type="checkbox"/> |       |            | 96.67  |       | P        | 17.2 |
| 5 | <input type="checkbox"/> |       |            | 92.22  |       | P        | 36.2 |
| 6 | <input type="checkbox"/> |       |            | 120.00 |       | P        | 11.1 |
| 7 | <input type="checkbox"/> |       |            | 140.00 |       | P        | 25.8 |
| 8 | <input type="checkbox"/> |       |            | 154.45 |       | P        | 18.0 |

86 Sr [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      | 178.89      | 0.0000 | P        | 8.0 |
| 2 | <input type="checkbox"/> | 1.000     | 1.015      | 2361.33     | 0.0002 | P        | 3.3 |
| 3 | <input type="checkbox"/> | 1250.000  | 1268.926   | 2739849.54  | 0.2352 | A        | 0.7 |
| 4 | <input type="checkbox"/> | 3125.000  | 3267.900   | 6837551.36  | 0.6056 | A        | 0.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 6439.251   | 13121208.97 | 1.1933 | A        | 1.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12547.465  | 25064740.46 | 2.3253 | A        | 1.4 |
| 7 | <input type="checkbox"/> | 25000.000 | 24910.146  | 50492189.80 | 4.6163 | A        | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 7827.70     | 0.0007 | P        | 2.9 |

$$y = 1.8532E-004 * x + 1.5719E-005$$

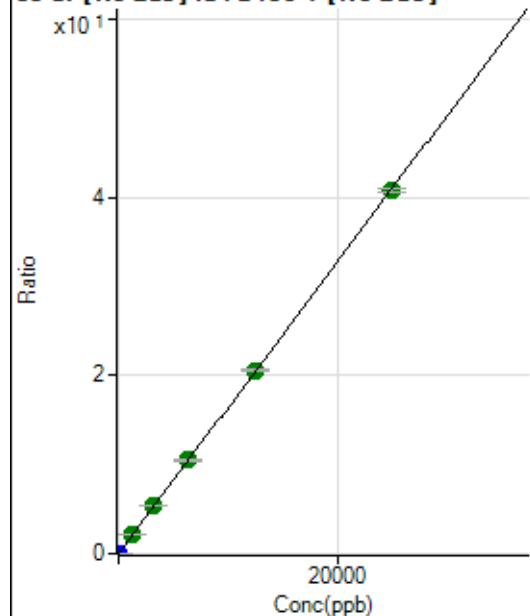
$$R = 1.0000$$

$$DL = 0.0204$$

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<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 188.89      | 0.0000  | P        | 6.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.985      | 18872.21    | 0.0016  | P        | 1.9 |
| 3 | <input type="checkbox"/> | 1250.000  | 1276.924   | 24340194.91 | 2.0891  | A        | 0.3 |
| 4 | <input type="checkbox"/> | 3125.000  | 3262.391   | 60258583.55 | 5.3373  | A        | 0.9 |
| 5 | <input type="checkbox"/> | 6250.000  | 6416.738   | 115428016.0 | 10.4978 | A        | 1.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12586.470  | 221970230.0 | 20.5914 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 24896.560  | 445505451.1 | 40.7307 | A        | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 67021.84    | 0.0064  | P        | 2.0 |

$$y = 0.0016 * x + 1.6591E-005$$

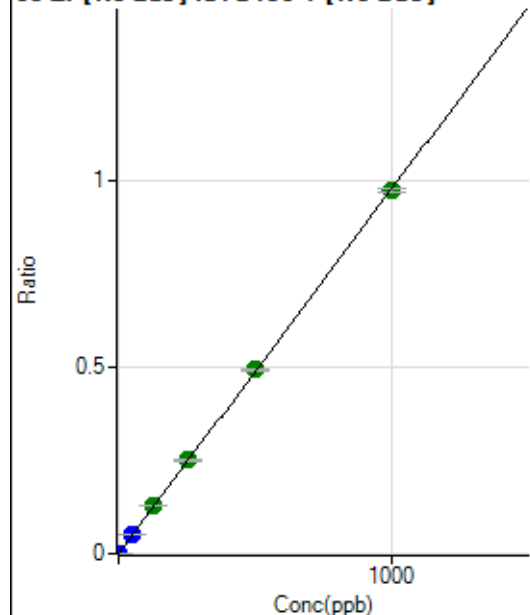
$$R = 1.0000$$

$$DL = 0.00194$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [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      | 652.24      | 0.0001 | P    | 2.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.977      | 11705.85    | 0.0010 | P    | 2.7 |
| 3 | <input type="checkbox"/> | 50.000   | 51.471     | 585625.24   | 0.0503 | P    | 2.1 |
| 4 | <input type="checkbox"/> | 125.000  | 130.332    | 1436077.13  | 0.1272 | A    | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 256.993    | 2757258.57  | 0.2508 | A    | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 504.073    | 5301147.84  | 0.4918 | A    | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 995.476    | 10622325.60 | 0.9712 | A    | 0.9 |
| 8 | <input type="checkbox"/> |          |            | 7116.21     | 0.0007 | P    | 1.3 |

$$y = 9.7551\text{E-}004 * x + 5.7217\text{E-}005$$

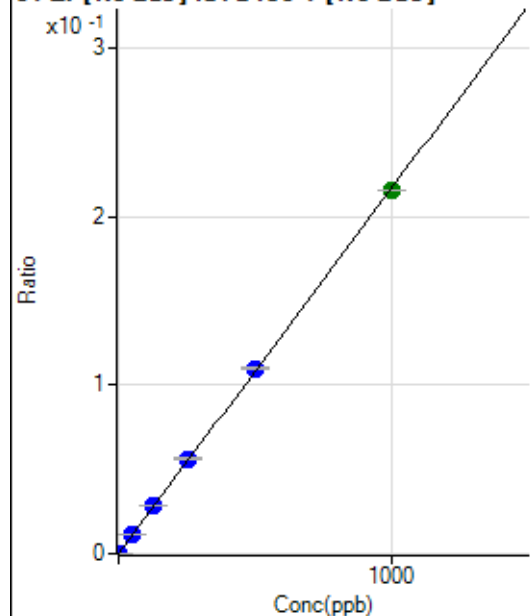
$$R = 1.0000$$

$$DL = 0.00375$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [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      | 122.22     | 0.0000 | P    | 28.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.024      | 2698.05    | 0.0002 | P    | 1.9  |
| 3 | <input type="checkbox"/> | 50.000   | 51.524     | 130278.29  | 0.0112 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 131.837    | 322878.76  | 0.0286 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 259.226    | 618179.70  | 0.0562 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 507.021    | 1185244.00 | 0.1100 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.252    | 2355922.87 | 0.2154 | A    | 0.1  |
| 8 | <input type="checkbox"/> |          |            | 1468.98    | 0.0001 | P    | 5.8  |

$$y = 2.1684\text{E-}004 * x + 1.0800\text{E-}005$$

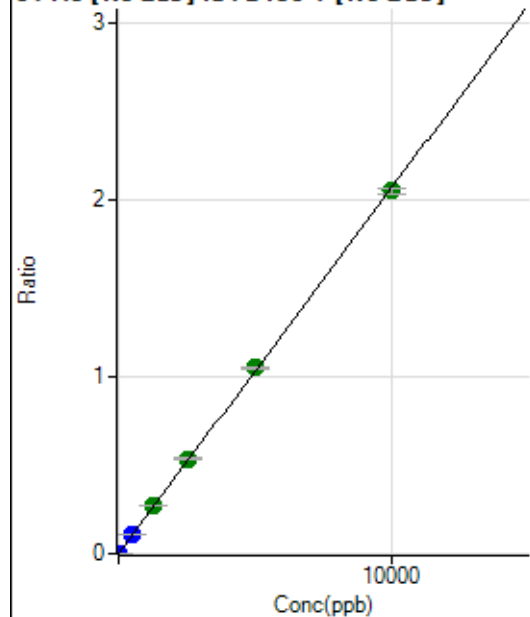
$$R = 0.9999$$

$$DL = 0.04324$$

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      | 322.23      | 0.0000 | P    | 14.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.573      | 13662.01    | 0.0012 | P    | 3.7  |
| 3 | <input type="checkbox"/> | 500.000   | 513.604    | 1235604.52  | 0.1061 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1325.360   | 3089344.19  | 0.2736 | A    | 0.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2594.098   | 5888719.63  | 0.5355 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5087.630   | 11321803.86 | 1.0503 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9922.560   | 22404678.28 | 2.0484 | A    | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 6598.21     | 0.0006 | P    | 2.4  |

$$y = 2.0643\text{E-}004 * x + 2.8342\text{E-}005$$

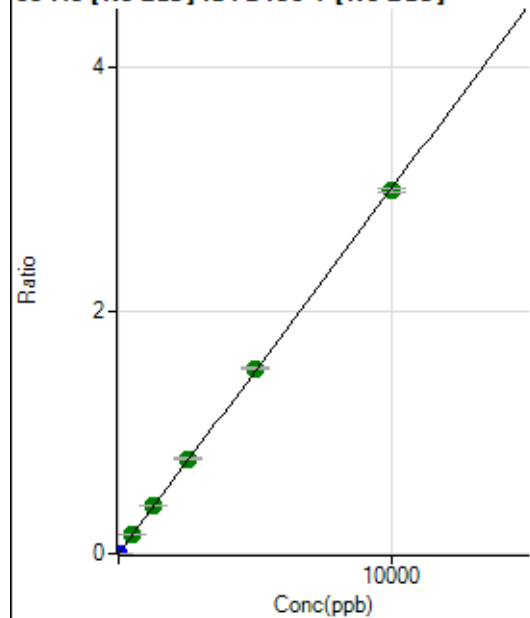
$$R = 0.9999$$

$$DL = 0.06151$$

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      | 200.01      | 0.0000 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 5.000     | 4.662      | 16441.56    | 0.0014 | P    | 3.4 |
| 3 | <input type="checkbox"/> | 500.000   | 523.542    | 1833479.77  | 0.1574 | A    | 1.8 |
| 4 | <input type="checkbox"/> | 1250.000  | 1313.454   | 4456976.32  | 0.3948 | A    | 0.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2601.742   | 8598095.50  | 0.7819 | A    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5062.105   | 16399855.73 | 1.5214 | A    | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9934.403   | 32657128.12 | 2.9857 | A    | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 6732.72     | 0.0006 | P    | 0.2 |

$$y = 3.0054\text{E-}004 * x + 1.7523\text{E-}005$$

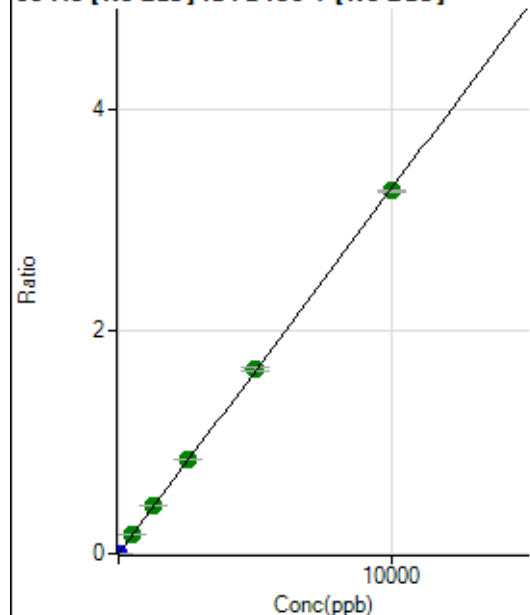
$$R = 0.9999$$

$$DL = 0.01411$$

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      | 254.45      | 0.0000 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 5.000     | 4.800      | 18542.95    | 0.0016 | P    | 2.3 |
| 3 | <input type="checkbox"/> | 500.000   | 522.600    | 2001539.05  | 0.1718 | A    | 1.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1310.438   | 4863116.21  | 0.4307 | A    | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2592.551   | 9370310.84  | 0.8522 | A    | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 5058.983   | 17924360.01 | 1.6628 | A    | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9938.686   | 35730838.64 | 3.2667 | A    | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 13320.62    | 0.0013 | P    | 1.1 |

$$y = 3.2868\text{E-}004 * x + 2.2306\text{E-}005$$

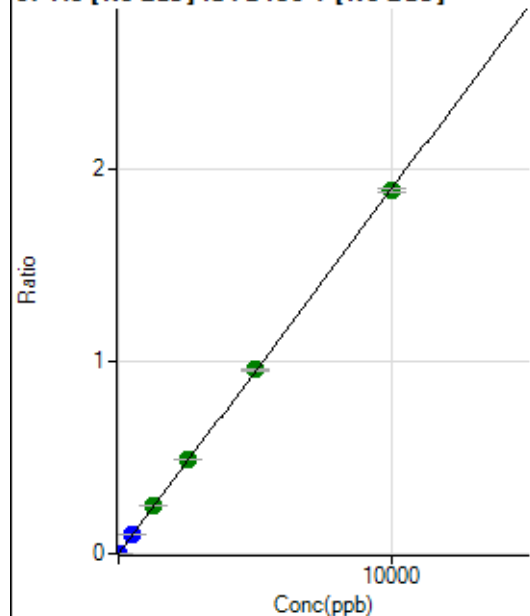
$$R = 0.9999$$

$$DL = 0.002159$$

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      | 110.00      | 0.0000 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 5.000     | 4.651      | 10323.73    | 0.0009 | P    | 3.0 |
| 3 | <input type="checkbox"/> | 500.000   | 513.912    | 1134306.02  | 0.0974 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1315.790   | 2814367.98  | 0.2493 | A    | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2582.198   | 5379065.72  | 0.4892 | A    | 1.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 5041.951   | 10296713.60 | 0.9552 | A    | 0.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 9949.556   | 20616918.44 | 1.8849 | A    | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 4215.10     | 0.0004 | P    | 4.2 |

$$y = 1.8945\text{E-}004 * x + 9.6609\text{E-}006$$

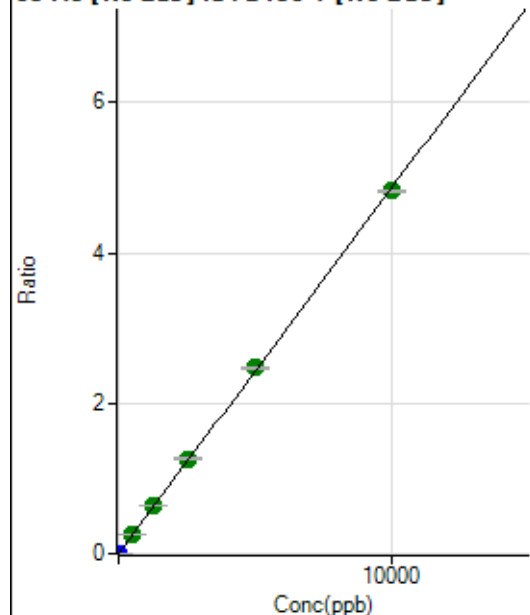
$$R = 0.9999$$

$$DL = 0.0124$$

Weight: &lt;None&gt;

Min Conc: 0

98 Mo [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      | 330.01      | 0.0000 | P    | 16.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.686      | 26742.27    | 0.0023 | P    | 3.2  |
| 3 | <input type="checkbox"/> | 500.000   | 515.334    | 2919549.37  | 0.2506 | A    | 1.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1308.279   | 7182249.47  | 0.6362 | A    | 0.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2593.252   | 13865080.63 | 1.2609 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5081.823   | 26635951.83 | 2.4710 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9927.724   | 52798880.88 | 4.8272 | A    | 0.8  |
| 8 | <input type="checkbox"/> |           |            | 10413.78    | 0.0010 | P    | 0.3  |

$$y = 4.8623\text{E-}004 * x + 2.8870\text{E-}005$$

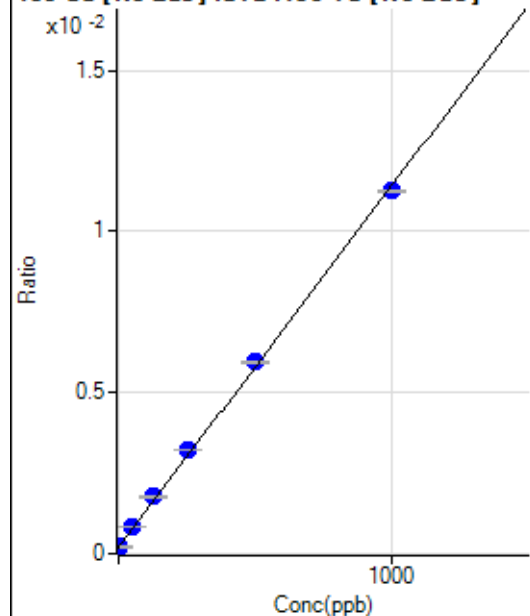
$$R = 0.9999$$

$$DL = 0.02939$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2973.68   | 0.0002 | P    | 3.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.845      | 3193.71   | 0.0002 | P    | 7.5 |
| 3 | <input type="checkbox"/> | 50.000   | 57.051     | 12684.53  | 0.0008 | P    | 1.9 |
| 4 | <input type="checkbox"/> | 125.000  | 139.298    | 26325.00  | 0.0018 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 268.814    | 47392.63  | 0.0032 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 512.594    | 88039.96  | 0.0059 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 986.860    | 168700.10 | 0.0113 | P    | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 2869.21   | 0.0002 | P    | 3.9 |

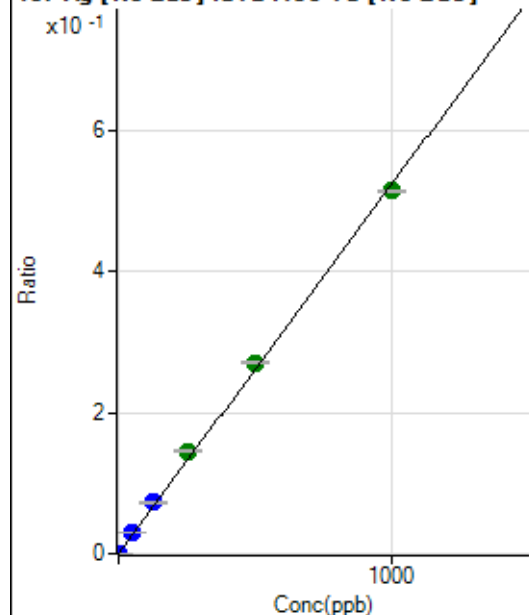
$$y = 1.1198\text{E-}005 * x + 2.0281\text{E-}004$$

$$R = 0.9996$$

$$DL = 1.871$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 56.67      | 0.0000 | P        | 10.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.015      | 8045.62    | 0.0005 | P        | 1.9  |
| 3 | <input type="checkbox"/> | 50.000   | 56.167     | 442508.80  | 0.0294 | P        | 4.3  |
| 4 | <input type="checkbox"/> | 125.000  | 138.914    | 1084754.22 | 0.0726 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 276.810    | 2134716.58 | 0.1447 | A        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 516.318    | 3999471.71 | 0.2700 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 983.091    | 7705334.96 | 0.5140 | A        | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1116.72    | 0.0001 | P        | 1.6  |

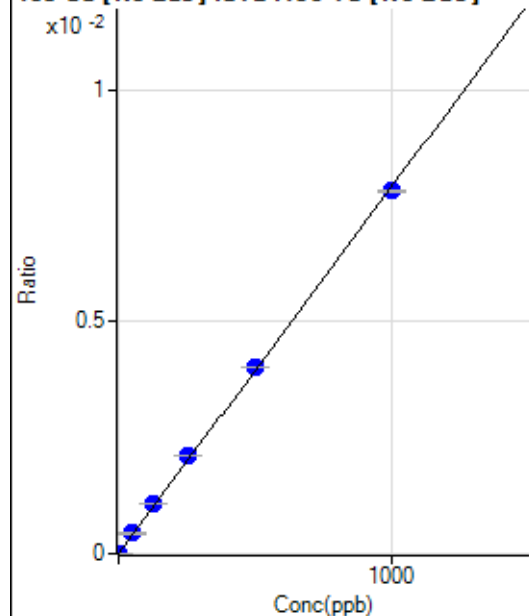
$$y = 5.2286\text{E-}004 * x + 3.8749\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.002286$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.89      | 0.0000 | P        | 25.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.250      | 157.78    | 0.0000 | P        | 4.5  |
| 3 | <input type="checkbox"/> | 50.000   | 55.446     | 6616.01   | 0.0004 | P        | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 137.683    | 16261.41  | 0.0011 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 269.157    | 31387.34  | 0.0021 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 508.160    | 59511.30  | 0.0040 | P        | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.273    | 117216.37 | 0.0078 | P        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 70.00     | 0.0000 | P        | 16.0 |

$$y = 7.9037\text{E-}006 * x + 6.1033\text{E-}007$$

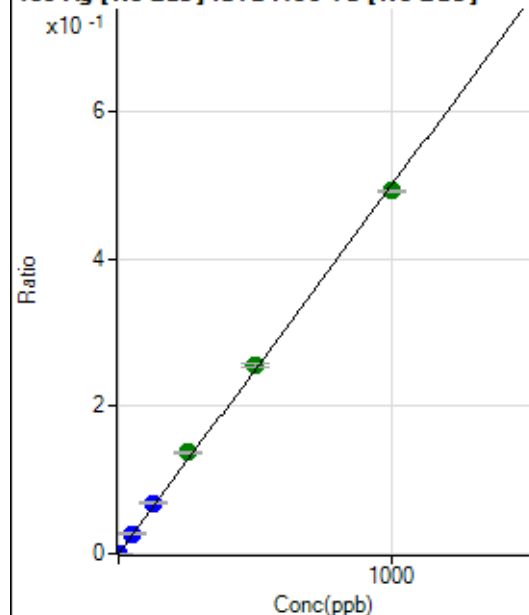
$$R = 0.9997$$

$$DL = 0.0581$$

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      | 18.89      | 0.0000 | P    | 33.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.034      | 7791.06    | 0.0005 | P    | 0.2  |
| 3 | <input type="checkbox"/> | 50.000   | 54.790     | 412297.98  | 0.0274 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 125.000  | 137.224    | 1023274.04 | 0.0685 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 275.268    | 2027367.04 | 0.1375 | A    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 512.868    | 3793709.84 | 0.2561 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 985.481    | 7376452.11 | 0.4921 | A    | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 997.82     | 0.0001 | P    | 10.2 |

$$y = 4.9933\text{E-}004 * x + 1.2811\text{E-}006$$

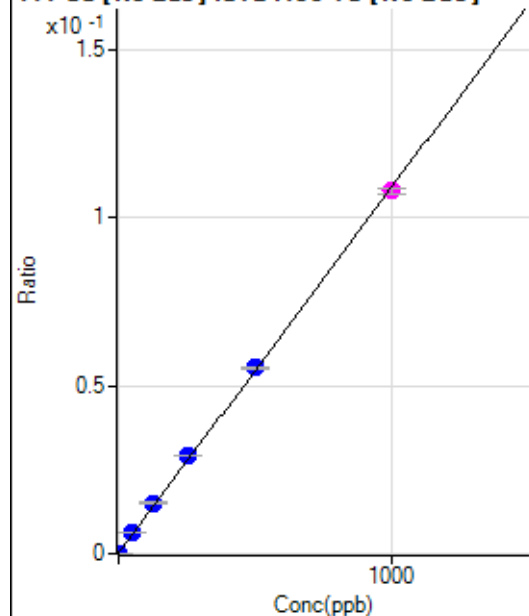
$$R = 0.9995$$

$$DL = 0.00257$$

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      | 2084.24    | 0.0001 | P    | 3.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.030      | 3824.17    | 0.0003 | P    | 4.0 |
| 3 | <input type="checkbox"/> | 50.000   | 55.226     | 92662.14   | 0.0061 | P    | 3.6 |
| 4 | <input type="checkbox"/> | 125.000  | 136.802    | 224361.14  | 0.0150 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 250.000  | 267.056    | 430597.31  | 0.0292 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 506.470    | 818291.32  | 0.0552 | P    | 1.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.764    | 1617759.42 | 0.1079 | M    | 1.9 |
| 8 | <input type="checkbox"/> |          |            | 2207.23    | 0.0002 | P    | 4.8 |

$$y = 1.0878\text{E-}004 * x + 1.4215\text{E-}004$$

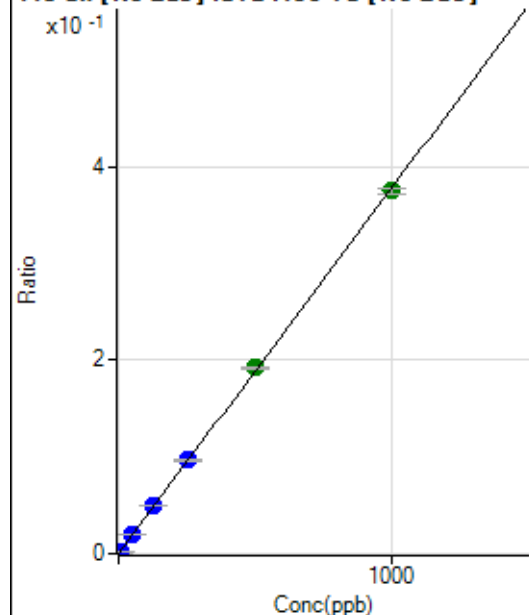
$$R = 0.9998$$

$$DL = 0.1299$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1796.14    | 0.0001 | P   | 11.3 |
| 2 | <input type="checkbox"/> | 5.000    | 4.876      | 29503.54   | 0.0020 | P   | 1.2  |
| 3 | <input type="checkbox"/> | 50.000   | 52.174     | 298376.26  | 0.0198 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 131.349    | 741550.54  | 0.0497 | P   | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 255.393    | 1422318.99 | 0.0964 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 509.370    | 2847482.56 | 0.1922 | A   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.065    | 5615394.15 | 0.3746 | A   | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 6401.48    | 0.0004 | P   | 3.7  |

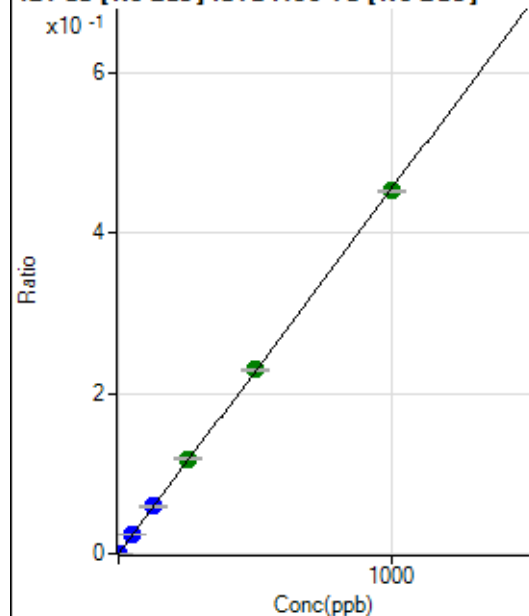
$$y = 3.7710\text{E-}004 * x + 1.2237\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1105$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 90.00      | 0.0000 | P   | 10.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.995      | 13743.33   | 0.0009 | P   | 1.0  |
| 3 | <input type="checkbox"/> | 50.000   | 51.402     | 352418.95  | 0.0234 | P   | 3.1  |
| 4 | <input type="checkbox"/> | 125.000  | 129.406    | 879188.64  | 0.0589 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 259.513    | 1741281.92 | 0.1181 | A   | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 504.950    | 3402924.85 | 0.2297 | A   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.526    | 6781749.90 | 0.4524 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 5227.68    | 0.0004 | P   | 7.2  |

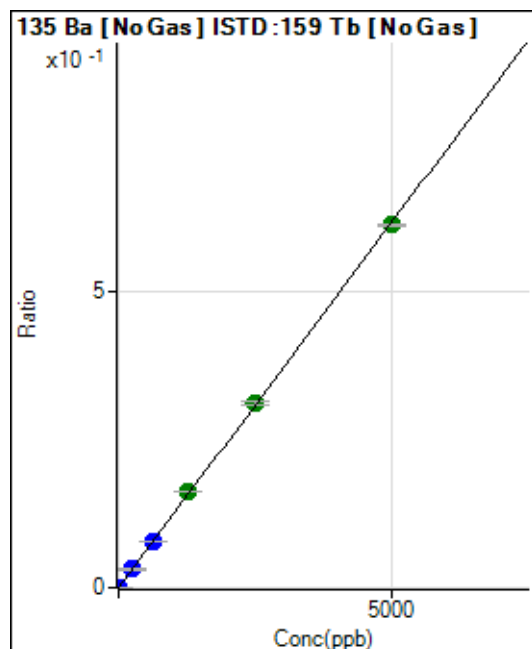
$$y = 4.5489\text{E-}004 * x + 6.1156\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.00403$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.56      | 0.0000 | P    | 28.4 |
| 2 | <input type="checkbox"/> | 10.000   | 9.569      | 17817.91   | 0.0012 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 250.000  | 252.674    | 469340.70  | 0.0311 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 625.000  | 631.888    | 1162996.89 | 0.0779 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1318.752   | 2397227.59 | 0.1625 | A    | 0.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2524.678   | 4609240.94 | 0.3111 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 4969.479   | 9180428.13 | 0.6124 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 3584.93    | 0.0003 | P    | 0.3  |

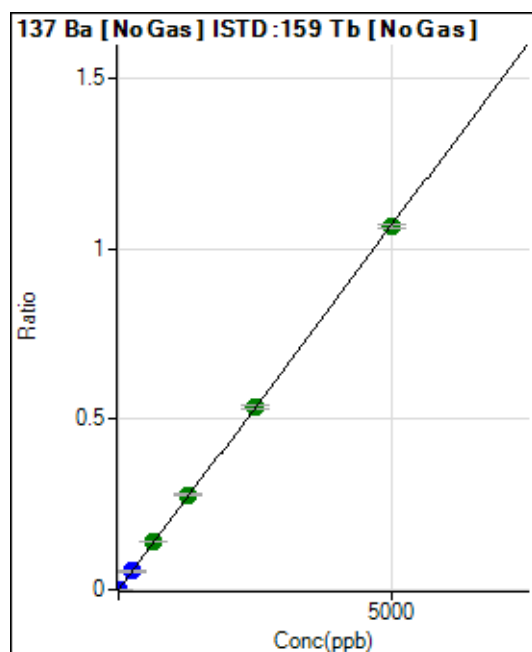
$$y = 1.2324\text{E-}004 * x + 5.1154\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0354$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 104.45      | 0.0000 | P    | 23.0 |
| 2 | <input type="checkbox"/> | 10.000   | 9.507      | 30703.13    | 0.0020 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 251.237    | 810073.25   | 0.0537 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 625.000  | 665.482    | 2126025.17  | 0.1424 | A    | 1.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1304.235   | 4115045.60  | 0.2790 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2503.656   | 7933841.69  | 0.5356 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 4979.492   | 15967104.76 | 1.0652 | A    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 6115.81     | 0.0004 | P    | 1.5  |

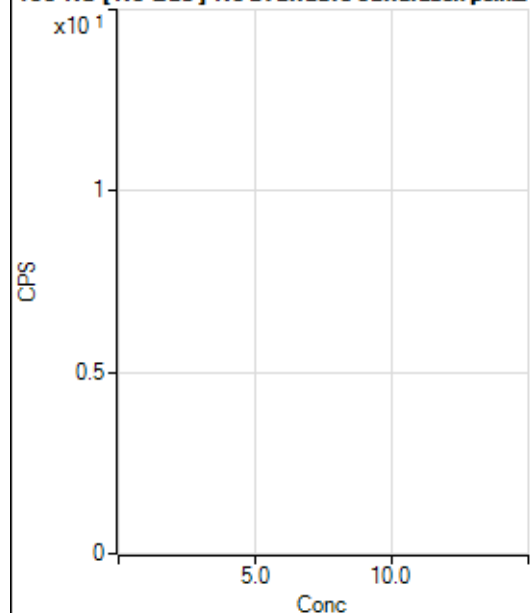
$$y = 2.1391\text{E-}004 * x + 7.0874\text{E-}006$$

$$R = 0.9999$$

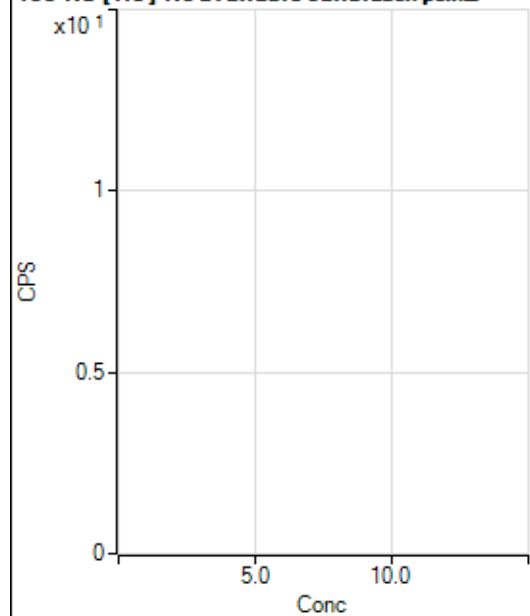
$$DL = 0.02285$$

Weight: <None>

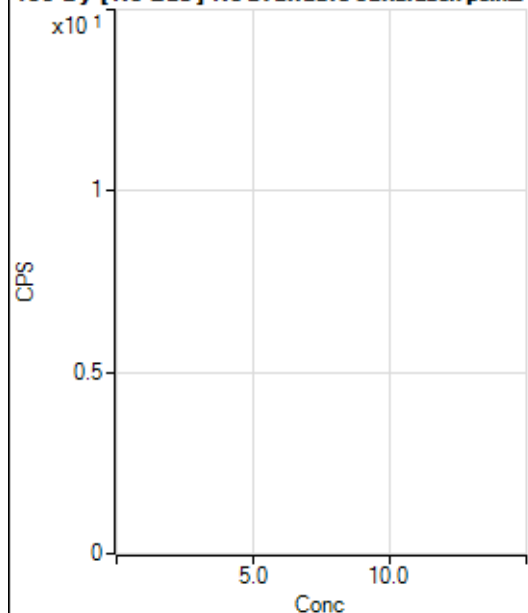
Min Conc: 0

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

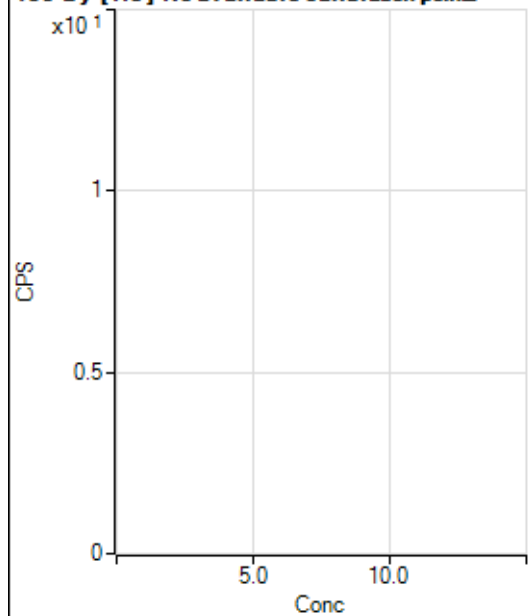
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 57.7 |
| 2 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 34.6 |
| 3 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 181.12 |       | P        | 20.5 |
| 6 | <input type="checkbox"/> |       |            | 321.12 |       | P        | 3.6  |
| 7 | <input type="checkbox"/> |       |            | 650.02 |       | P        | 7.6  |
| 8 | <input type="checkbox"/> |       |            | 161.11 |       | P        | 6.3  |

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

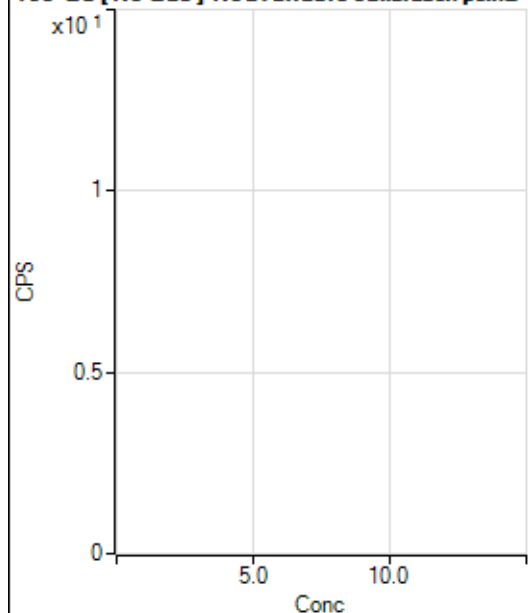
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 87.7 |
| 4 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 45.1 |
| 5 | <input type="checkbox"/> |       |            | 55.55  |       | P        | 30.2 |
| 6 | <input type="checkbox"/> |       |            | 73.34  |       | P        | 20.8 |
| 7 | <input type="checkbox"/> |       |            | 165.56 |       | P        | 20.3 |
| 8 | <input type="checkbox"/> |       |            | 101.11 |       | P        | 13.7 |

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

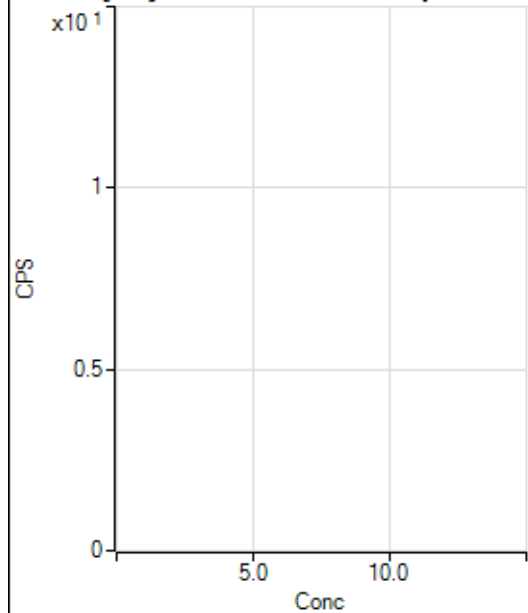
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 15.7 |
| 2 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 41.8 |
| 3 | <input type="checkbox"/> |       |            | 52.22  |       | P        | 3.7  |
| 4 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 11.6 |
| 5 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 7.2  |
| 6 | <input type="checkbox"/> |       |            | 128.89 |       | P        | 20.1 |
| 7 | <input type="checkbox"/> |       |            | 190.00 |       | P        | 3.0  |
| 8 | <input type="checkbox"/> |       |            | 313.34 |       | P        | 10.8 |

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

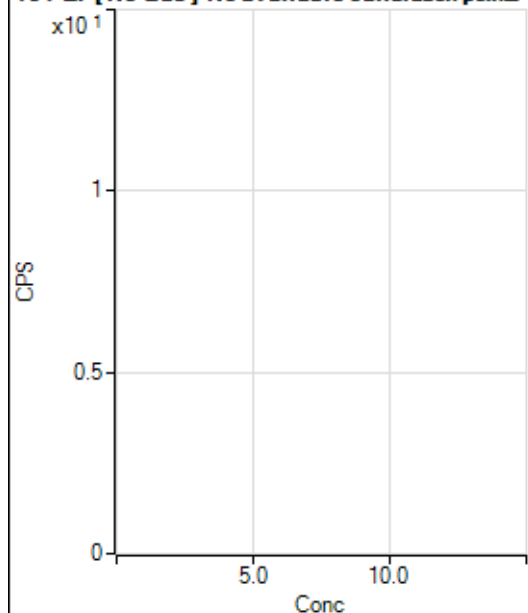
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 57.7 |
| 2 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 105. |
| 3 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 36.3 |
| 4 | <input type="checkbox"/> |       |            | 58.89  |       | P        | 22.9 |
| 5 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 21.5 |
| 6 | <input type="checkbox"/> |       |            | 197.78 |       | P        | 14.3 |
| 7 | <input type="checkbox"/> |       |            | 441.12 |       | P        | 7.0  |
| 8 | <input type="checkbox"/> |       |            | 223.34 |       | P        | 9.0  |

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

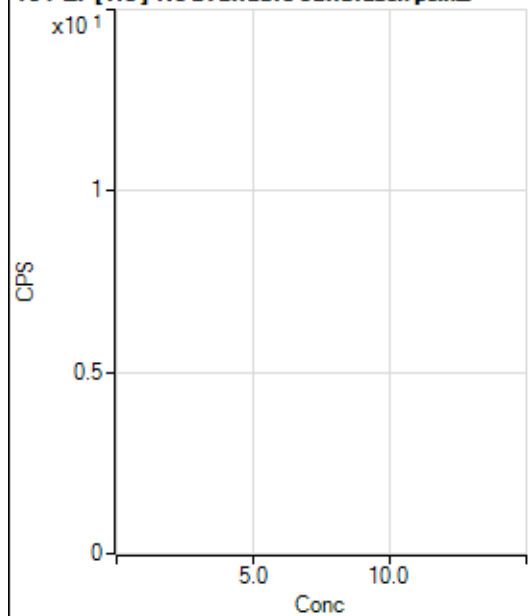
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 23.9 |
| 2 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 21.2 |
| 3 | <input type="checkbox"/> |       |            | 64.44  |       | P        | 13.0 |
| 4 | <input type="checkbox"/> |       |            | 67.78  |       | P        | 34.9 |
| 5 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 35.9 |
| 6 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 23.1 |
| 7 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 7.9  |
| 8 | <input type="checkbox"/> |       |            | 282.23 |       | P        | 11.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 470.01 |       | P        | 8.2 |
| 2 | <input type="checkbox"/> |       |            | 462.23 |       | P        | 3.6 |
| 3 | <input type="checkbox"/> |       |            | 454.46 |       | P        | 9.2 |
| 4 | <input type="checkbox"/> |       |            | 494.46 |       | P        | 8.8 |
| 5 | <input type="checkbox"/> |       |            | 463.34 |       | P        | 5.9 |
| 6 | <input type="checkbox"/> |       |            | 505.57 |       | P        | 2.3 |
| 7 | <input type="checkbox"/> |       |            | 487.79 |       | P        | 9.3 |
| 8 | <input type="checkbox"/> |       |            | 607.80 |       | P        | 5.2 |

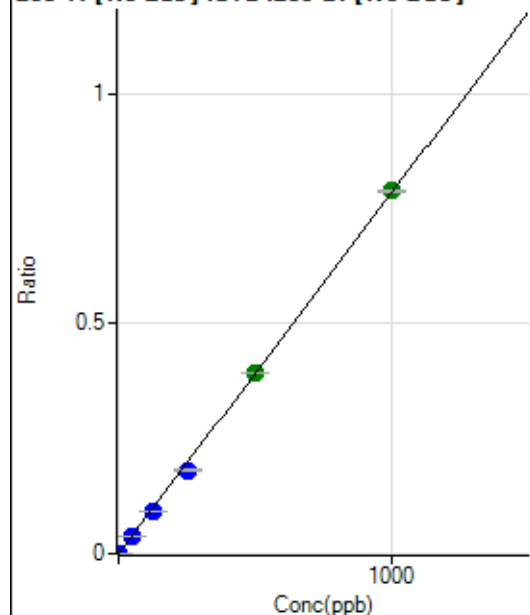
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 110.00 |       | P        | 3.0  |
| 2 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 17.3 |
| 3 | <input type="checkbox"/> |       |            | 115.56 |       | P        | 26.2 |
| 4 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 9.6  |
| 5 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 7.8  |
| 6 | <input type="checkbox"/> |       |            | 128.89 |       | P        | 18.2 |
| 7 | <input type="checkbox"/> |       |            | 197.78 |       | P        | 13.7 |
| 8 | <input type="checkbox"/> |       |            | 317.79 |       | P        | 13.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 54.44  |       | P        | 28.3 |
| 2 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 18.0 |
| 3 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 21.7 |
| 4 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 31.2 |
| 5 | <input type="checkbox"/> |       |            | 73.33  |       | P        | 43.4 |
| 6 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 44.0 |
| 7 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 194.45 |       | P        | 23.3 |

203 Tl [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      | 108.89     | 0.0000 | P        | 24.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.856      | 6238.16    | 0.0007 | P        | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 45.998     | 323079.20  | 0.0361 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 115.990    | 810670.66  | 0.0910 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 230.874    | 1595078.45 | 0.1811 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 501.611    | 3487241.65 | 0.3935 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.303   | 6954118.30 | 0.7887 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 895.60     | 0.0001 | P        | 26.2 |

$$y = 7.8451E-004 * x + 1.2343E-005$$

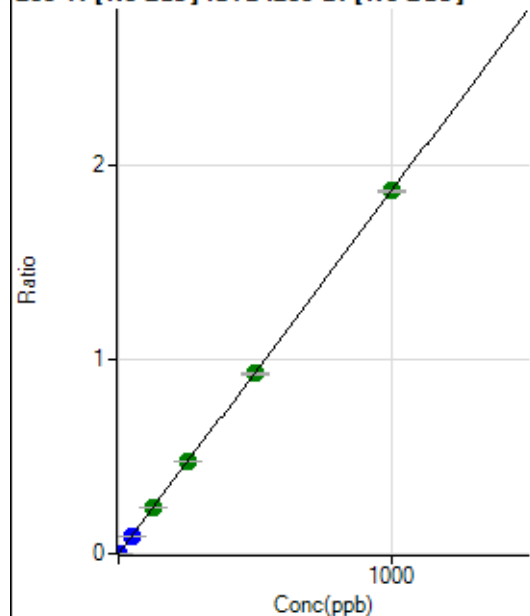
$$R = 0.9998$$

$$DL = 0.01157$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.34      | 0.0000 | P        | 12.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.860      | 14859.29    | 0.0016 | P        | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 45.928     | 767018.57   | 0.0857 | P        | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.907    | 2142290.56  | 0.2405 | A        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 254.017    | 4173013.62  | 0.4739 | A        | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 497.557    | 8225144.67  | 0.9282 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.932    | 16447754.06 | 1.8654 | A        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 2051.29     | 0.0003 | P        | 9.4  |

$$y = 0.0019 * x + 2.4111E-005$$

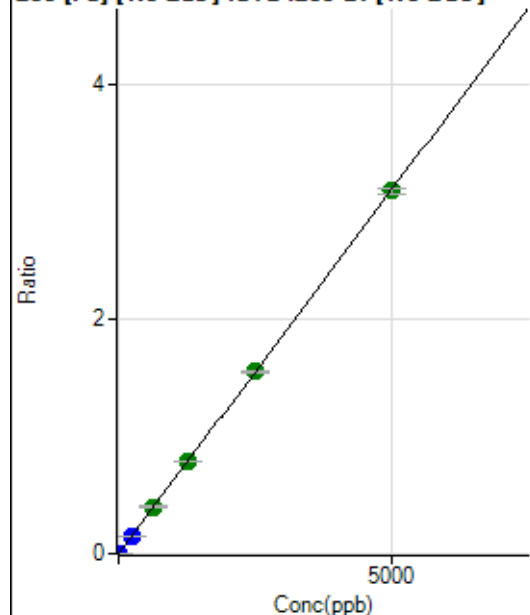
$$R = 1.0000$$

$$DL = 0.004904$$

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      | 521.13      | 0.0001 | P    | 11.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.848      | 5343.32     | 0.0006 | P    | 1.4  |
| 3 | <input type="checkbox"/> | 250.000  | 232.735    | 1293678.65  | 0.1446 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 625.000  | 646.020    | 3573216.61  | 0.4012 | A    | 1.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1273.631   | 6964106.98  | 0.7908 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2507.366   | 13795520.35 | 1.5568 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4988.645   | 27310799.87 | 3.0974 | A    | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 6558.31     | 0.0008 | P    | 3.7  |

$$y = 6.2087E-004 * x + 5.9073E-005$$

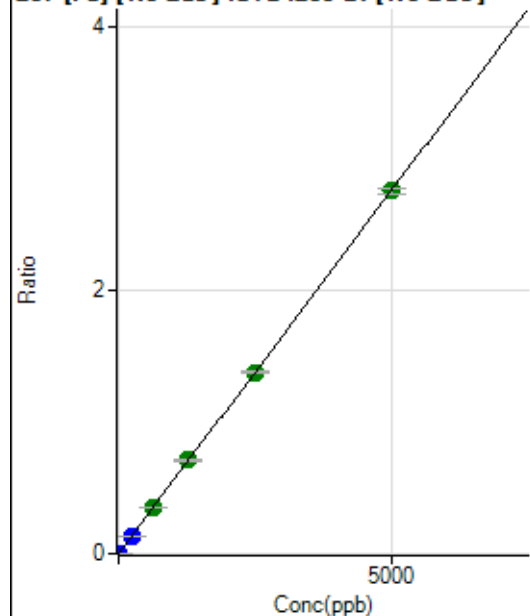
$$R = 1.0000$$

$$DL = 0.03172$$

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      | 447.79      | 0.0001 | P    | 2.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.827      | 4617.50     | 0.0005 | P    | 3.6 |
| 3 | <input type="checkbox"/> | 250.000  | 230.277    | 1136648.58  | 0.1270 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 625.000  | 641.498    | 3150389.64  | 0.3537 | A    | 1.7 |
| 5 | <input type="checkbox"/> | 1250.000 | 1284.546   | 6236423.24  | 0.7082 | A    | 1.1 |
| 6 | <input type="checkbox"/> | 2500.000 | 2491.493   | 12171598.71 | 1.3735 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 5000.000 | 4994.541   | 24277868.81 | 2.7534 | A    | 1.3 |
| 8 | <input type="checkbox"/> |          |            | 5973.59     | 0.0008 | P    | 1.2 |

$$y = 5.5127E-004 * x + 5.0580E-005$$

$$R = 1.0000$$

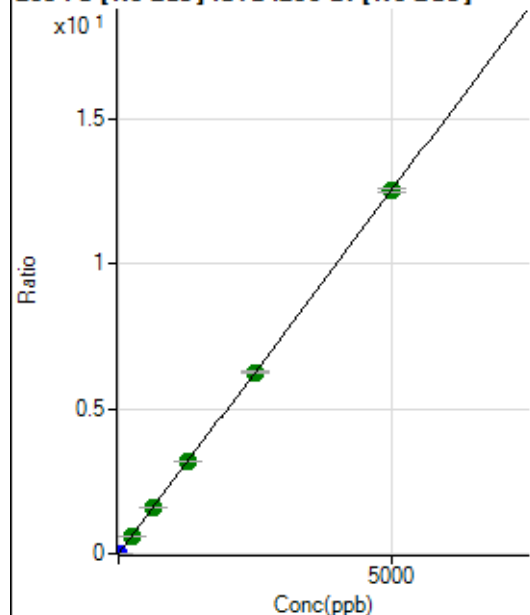
$$DL = 0.00573$$

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      | 2112.31     | 0.0002  | P        | 7.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.846      | 21532.49    | 0.0024  | P        | 1.5 |
| 3 | <input type="checkbox"/> | 250.000  | 243.031    | 5458793.50  | 0.6099  | A        | 1.1 |
| 4 | <input type="checkbox"/> | 625.000  | 643.762    | 14387661.84 | 1.6152  | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1250.000 | 1276.330   | 28198581.53 | 3.2021  | A        | 0.8 |
| 6 | <input type="checkbox"/> | 2500.000 | 2497.756   | 55527546.68 | 6.2663  | A        | 1.2 |
| 7 | <input type="checkbox"/> | 5000.000 | 4992.543   | 110437023.3 | 12.5249 | A        | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 26553.67    | 0.0034  | P        | 2.5 |

$$y = 0.0025 * x + 2.3917E-004$$

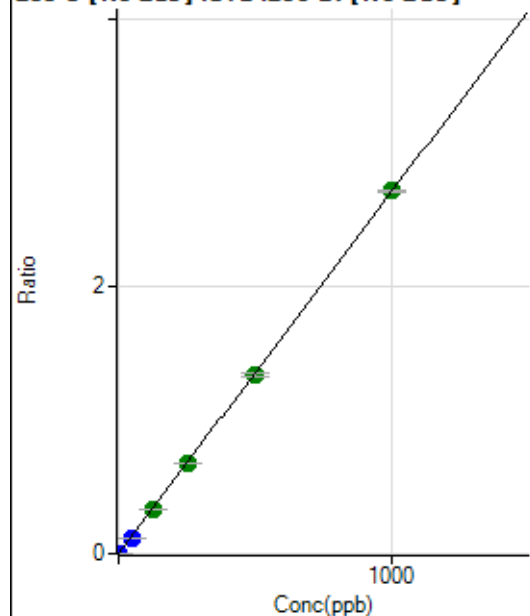
$$R = 1.0000$$

$$DL = 0.02171$$

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      | 27.78       | 0.0000 | P        | 44.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.804      | 19875.99    | 0.0022 | P        | 0.2  |
| 3 | <input type="checkbox"/> | 50.000   | 43.579     | 1055891.74  | 0.1180 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 123.583    | 2979979.05  | 0.3346 | A        | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 250.758    | 5977864.91  | 0.6788 | A        | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 494.253    | 11856148.99 | 1.3380 | A        | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.182   | 23945766.03 | 2.7157 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 974.49      | 0.0001 | P        | 12.3 |

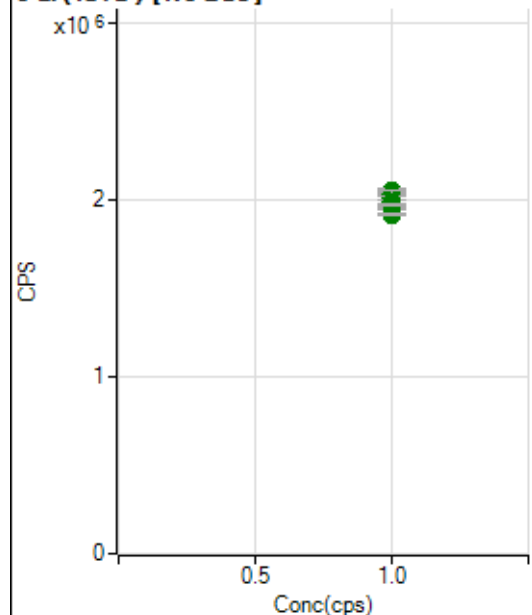
$$y = 0.0027 * x + 3.1836E-006$$

$$R = 1.0000$$

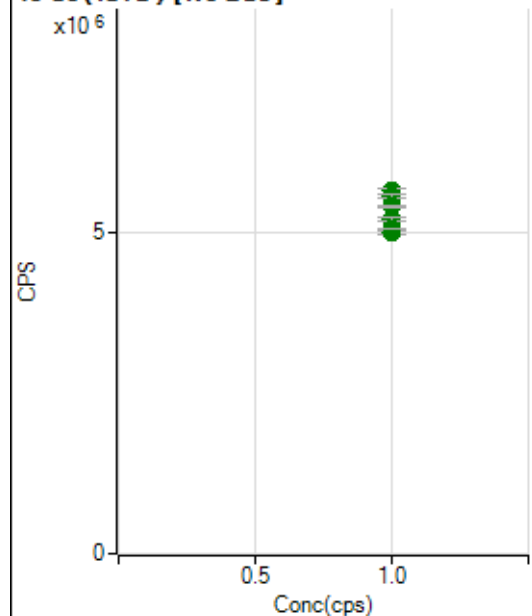
$$DL = 0.001554$$

Weight: &lt;None&gt;

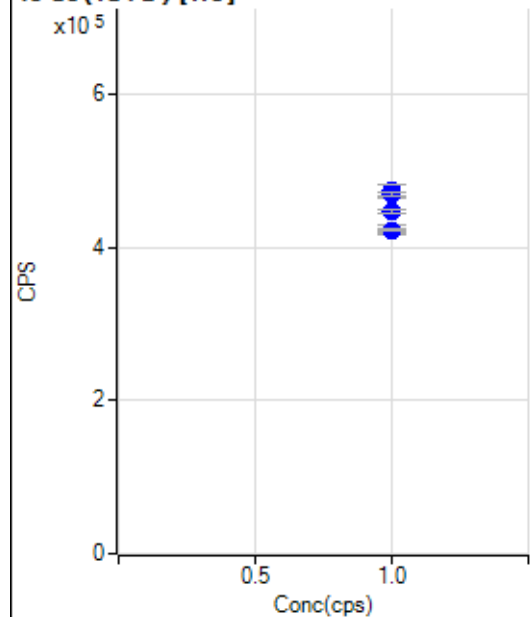
Min Conc: 0

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

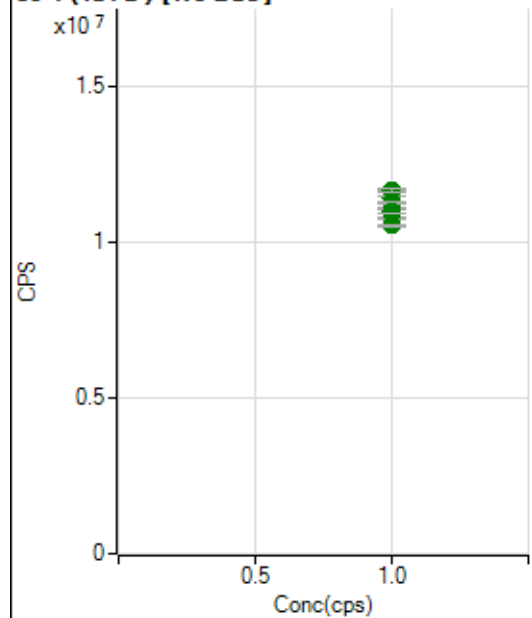
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2006378.62 |       | A        | 5.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2044220.47 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2049381.03 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2035349.26 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1990000.47 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1969118.89 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1974118.76 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1914998.88 |       | A        | 0.7 |

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

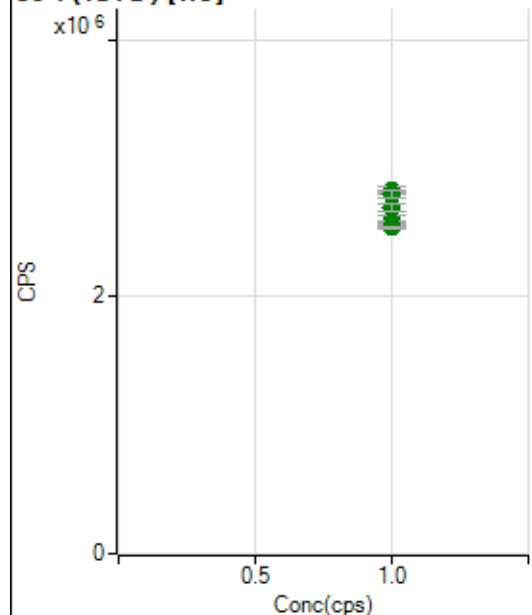
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5534371.31 |       | A        | 5.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5656951.79 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5567879.01 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5412538.25 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5204626.66 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5020543.50 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5035089.99 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5061324.20 |       | A        | 0.3 |

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

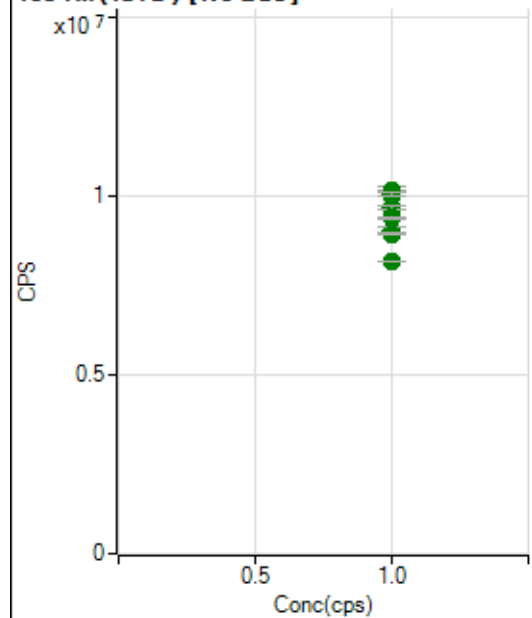
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 473268.04 |       | P        | 3.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 468055.57 |       | P        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 469141.34 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 447326.79 |       | P        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 422417.46 |       | P        | 2.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 420794.39 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 420920.84 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 422156.61 |       | P        | 0.5 |

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

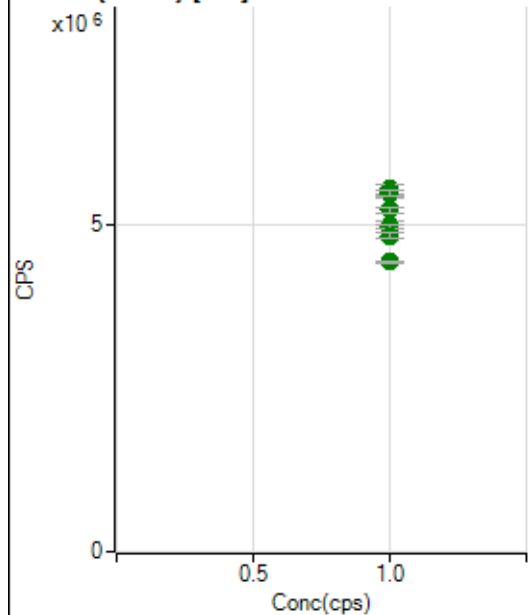
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11407514.27 |       | A        | 5.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11591912.05 |       | A        | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11651147.88 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11290379.00 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10996459.56 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10780126.51 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10938093.03 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10531303.66 |       | A        | 0.6 |

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

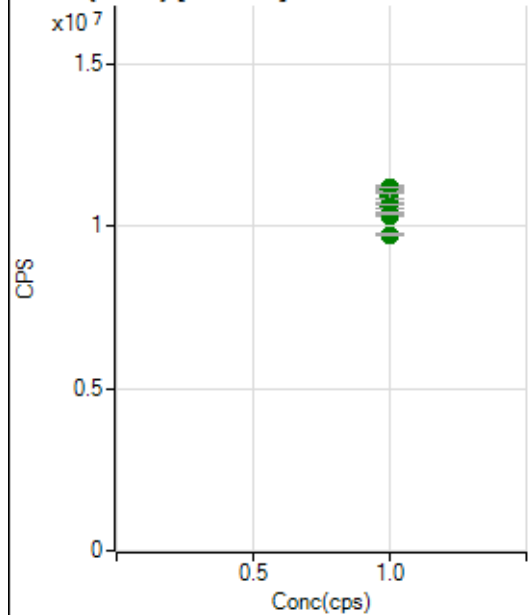
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2822892.28 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2791646.83 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2800297.70 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2693655.46 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2590670.31 |       | A        | 2.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2577003.80 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2579851.21 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2540525.38 |       | A        | 0.8 |

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

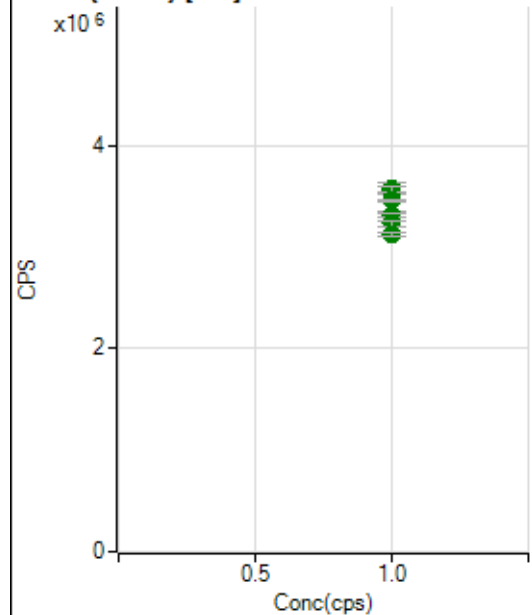
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10012586.31 |       | A        | 5.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10155279.71 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10064835.26 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9703882.08  |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9396558.06  |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9062612.23  |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8939645.14  |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8179788.84  |       | A        | 0.5 |

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

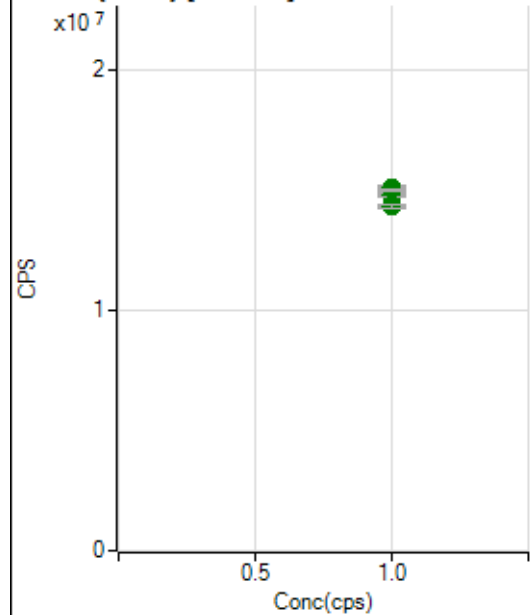
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5557337.77 |       | A        | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5482046.38 |       | A        | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5495380.48 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5231532.98 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5016583.29 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4975797.05 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4845227.12 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4441592.68 |       | A        | 0.8 |

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

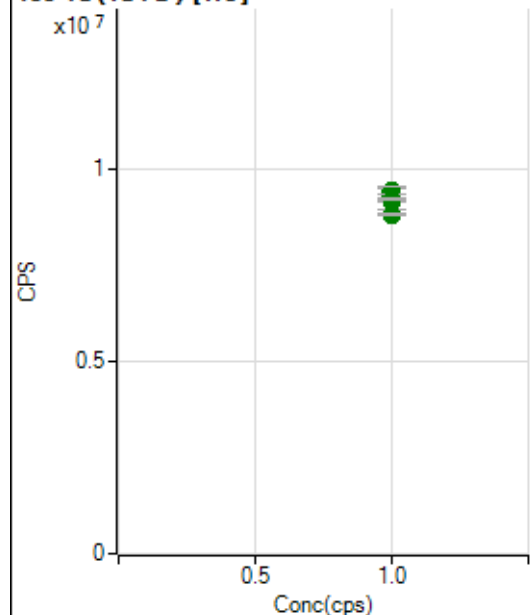
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10993273.35 |       | A        | 5.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11182098.92 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11137584.00 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10934414.28 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10605403.57 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10328110.43 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10396233.14 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9745527.06  |       | A        | 0.4 |

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

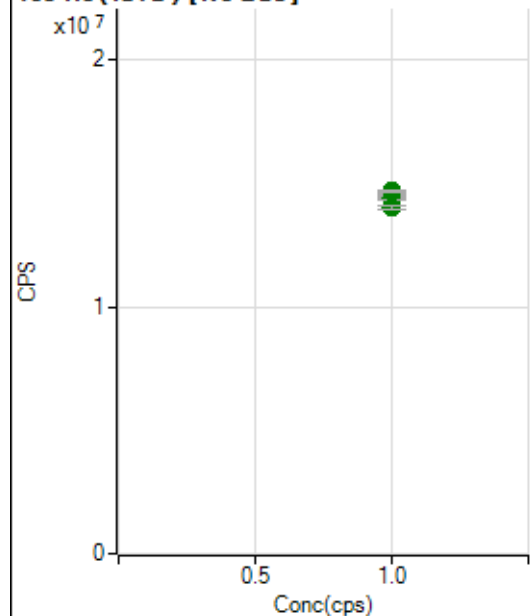
|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3570413.22 |       | A    | 3.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3557482.92 |       | A    | 2.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3564542.38 |       | A    | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3458184.85 |       | A    | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3302804.90 |       | A    | 3.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3311557.36 |       | A    | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3226963.85 |       | A    | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3118130.45 |       | A    | 1.2 |

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

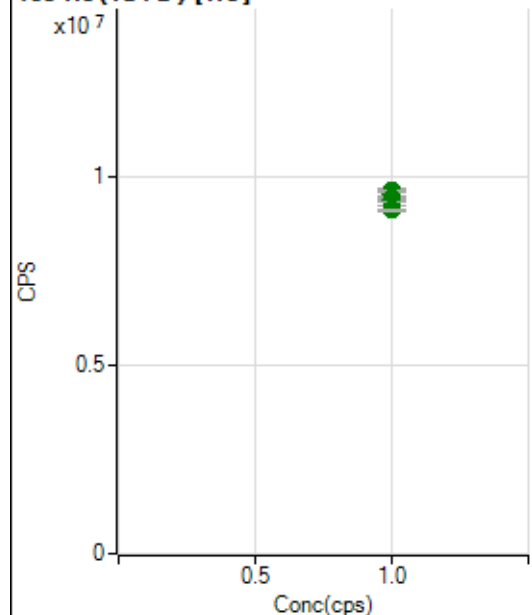
|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14669737.42 |       | A    | 5.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 15045803.11 |       | A    | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 15073580.88 |       | A    | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14936070.47 |       | A    | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14750178.25 |       | A    | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14816267.00 |       | A    | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14990486.02 |       | A    | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14303448.54 |       | A    | 1.2 |

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

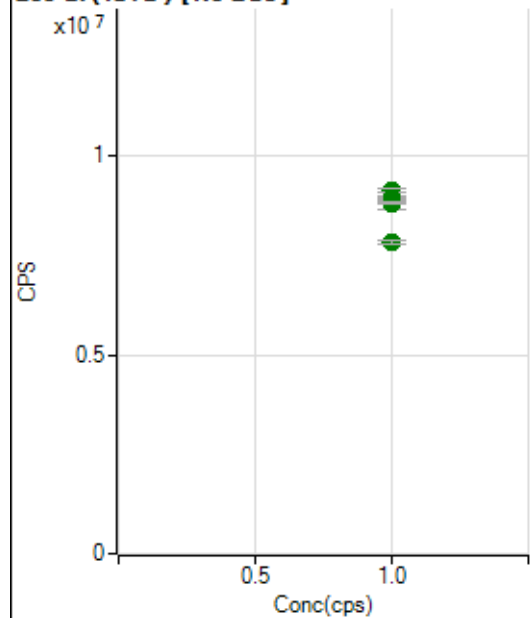
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9365566.87 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9236888.20 |       | A        | 2.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9422755.35 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9305599.37 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9142646.46 |       | A        | 4.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9200141.53 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9210975.77 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8811657.92 |       | A        | 0.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14298686.04 |       | A        | 5.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14675484.92 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 14689089.78 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14507914.92 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14502736.03 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14400844.23 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14665032.14 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14027756.18 |       | A        | 1.2 |

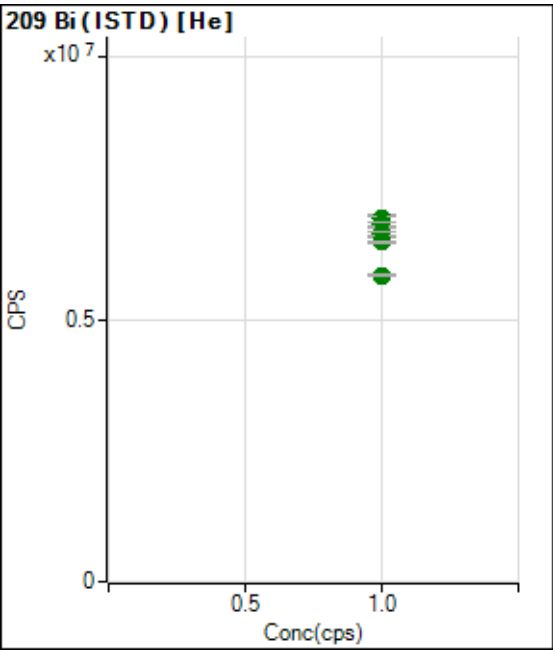
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9566162.70 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9405652.29 |       | A        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9626656.04 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9444095.97 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9342547.43 |       | A        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9379815.70 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9341066.80 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9111675.35 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8852481.12 |       | A        | 4.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9122766.60 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8950505.63 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8908174.03 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8806299.38 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8861770.29 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8817489.24 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7836009.12 |       | A        | 1.2 |





|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6922001.63 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6822124.97 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6917575.66 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6818115.04 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6675164.48 |       | A        | 2.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6635538.30 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6480017.20 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5845743.87 |       | A        | 0.7 |