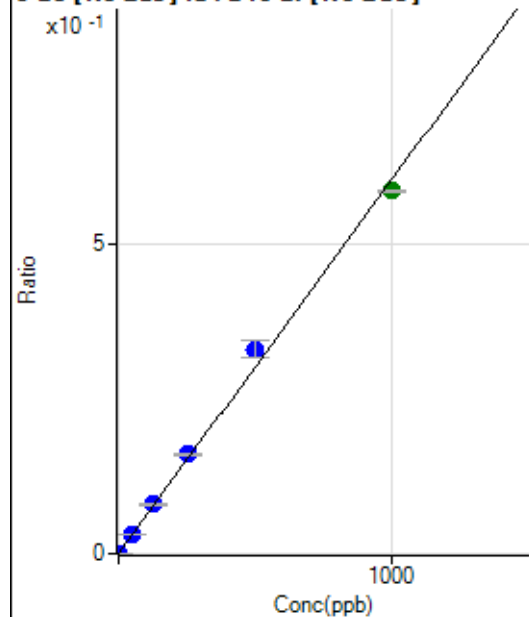


# Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010924-MS.b\  
 Analysis File: P7010924-MS.batch.bin  
 DA Date-Time: 2024-01-09 14:37:37  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-01-09 13:27:15 |
| 2     | 005CALS.d          | S02         | 2024-01-09 13:30:33 |
| 3     | 006CALS.d          | S03         | 2024-01-09 13:33:51 |
| 4     | 007CALS.d          | S04         | 2024-01-09 13:37:01 |
| 5     | 008CALS.d          | S05         | 2024-01-09 13:40:02 |
| 6     | 011CALS.d          | S06         | 2024-01-09 13:48:30 |
| 7     | 012CALS.d          | S07         | 2024-01-09 13:51:20 |
| 8     | 013CALS.d          | S08         | 2024-01-09 13:54:06 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 110.00     | 0.0001 | P        | 9.7  |
| 2 | <input type="checkbox"/> | 1.000    | 1.109      | 1467.86    | 0.0007 | P        | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 51.096     | 64477.26   | 0.0309 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 131.642    | 165277.74  | 0.0796 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 266.255    | 336440.61  | 0.1610 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 547.495    | 614577.94  | 0.3309 | P        | 8.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 971.304    | 1158259.12 | 0.5870 | A        | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 596.68     | 0.0003 | P        | 11.4 |

$$y = 6.0430E-004 * x + 5.2637E-005$$

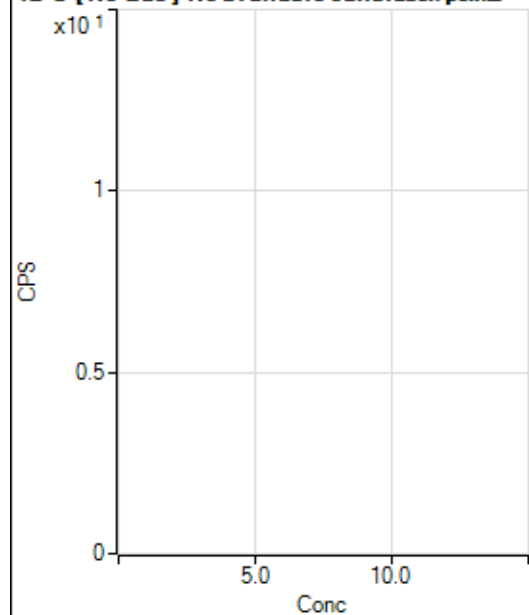
$$R = 0.9981$$

$$DL = 0.02545$$

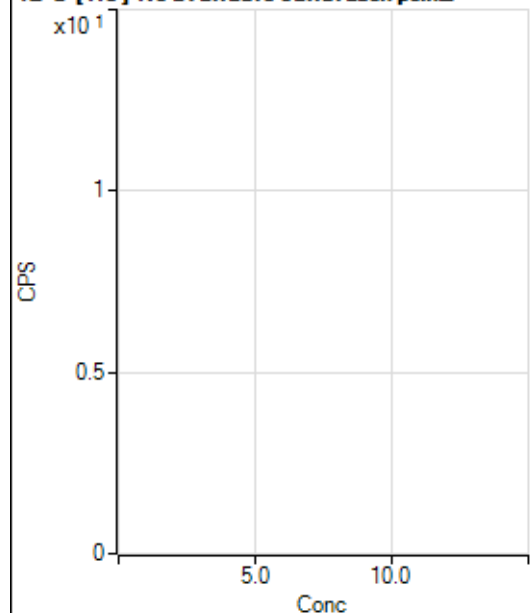
$$BEC = 0.0871$$

Weight: &lt;None&gt;

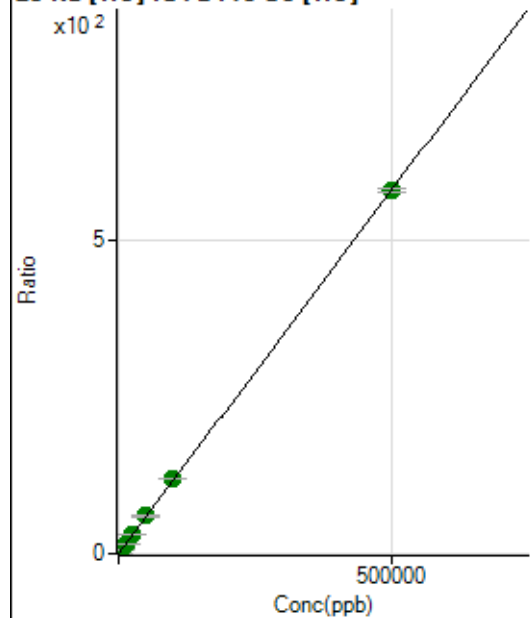
Min Conc: 0

**12 C [No Gas] 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"/> |       |            |     |       |          |     |

**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      | 14856.15    | 0.0496   | P        | 2.8 |
| 2 | <input type="checkbox"/> | 500.000   | 522.699    | 192105.86   | 0.6555   | P        | 0.3 |
| 3 | <input type="checkbox"/> | 5000.000  | 4918.365   | 1638093.58  | 5.7512   | A        | 2.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 13290.956  | 4179576.50  | 15.4572  | A        | 2.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 27131.372  | 8587760.91  | 31.5018  | A        | 1.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 51847.941  | 15969694.62 | 60.1546  | A        | 1.6 |
| 7 | <input type="checkbox"/> | 100000.00 | 102829.87  | 31681412.03 | 119.2558 | A        | 1.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 499123.68  | 145500722.2 | 578.6619 | A        | 1.1 |

$$y = 0.0012 * x + 0.0496$$

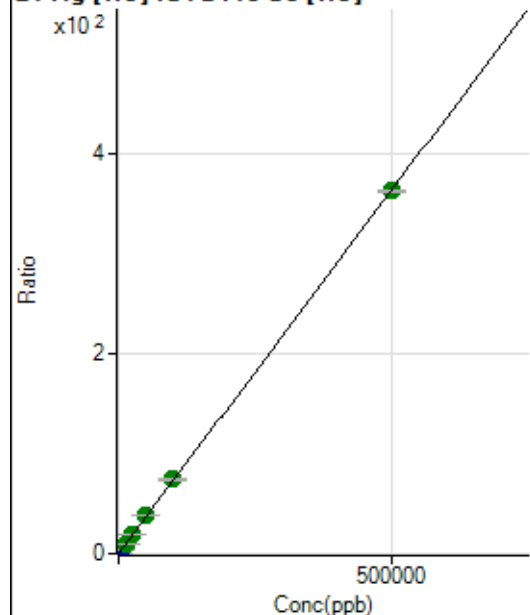
$$R = 1.0000$$

$$DL = 3.616$$

$$BEC = 42.76$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 433.34      | 0.0014   | P        | 13.3 |
| 2 | <input type="checkbox"/> | 500.000   | 525.393    | 112144.69   | 0.3827   | P        | 0.3  |
| 3 | <input type="checkbox"/> | 5000.000  | 5082.745   | 1050970.09  | 3.6895   | P        | 2.1  |
| 4 | <input type="checkbox"/> | 12500.000 | 13420.143  | 2633453.73  | 9.7391   | A        | 2.9  |
| 5 | <input type="checkbox"/> | 25000.000 | 27294.936  | 5399601.17  | 19.8067  | A        | 1.4  |
| 6 | <input type="checkbox"/> | 50000.000 | 51944.169  | 10006853.67 | 37.6923  | A        | 1.0  |
| 7 | <input type="checkbox"/> | 100000.00 | 102437.25  | 19743943.74 | 74.3303  | A        | 2.6  |
| 8 | <input type="checkbox"/> | 500000.00 | 499179.52  | 91076200.87 | 362.2078 | A        | 0.6  |

$$y = 7.2560\text{E-}004 * x + 0.0014$$

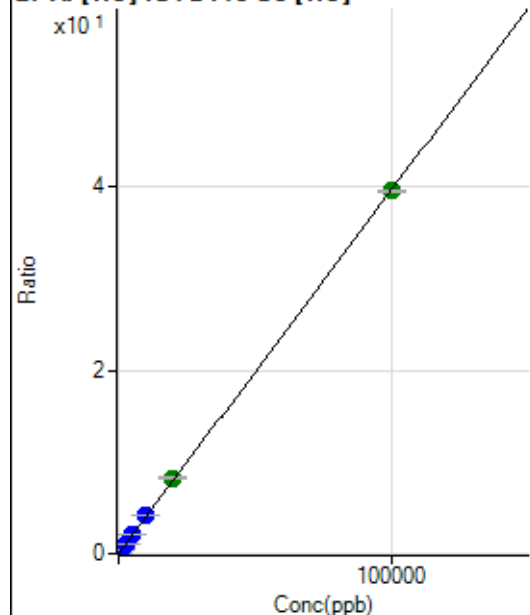
$$R = 1.0000$$

$$DL = 0.7967$$

$$BEC = 1.993$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 75.56      | 0.0003  | P        | 8.0 |
| 2 | <input type="checkbox"/> | 20.000    | 23.695     | 2828.07    | 0.0097  | P        | 5.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 1019.060   | 115213.61  | 0.4045  | P        | 2.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2755.169   | 295624.13  | 1.0931  | P        | 1.7 |
| 5 | <input type="checkbox"/> | 5000.000  | 5209.489   | 563391.60  | 2.0666  | P        | 1.4 |
| 6 | <input type="checkbox"/> | 10000.000 | 10627.518  | 1119196.08 | 4.2157  | P        | 1.3 |
| 7 | <input type="checkbox"/> | 20000.000 | 20866.299  | 2198553.42 | 8.2770  | A        | 2.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 99746.943  | 9948729.57 | 39.5653 | A        | 0.3 |

$$y = 3.9665\text{E-}004 * x + 2.5221\text{E-}004$$

$$R = 0.9999$$

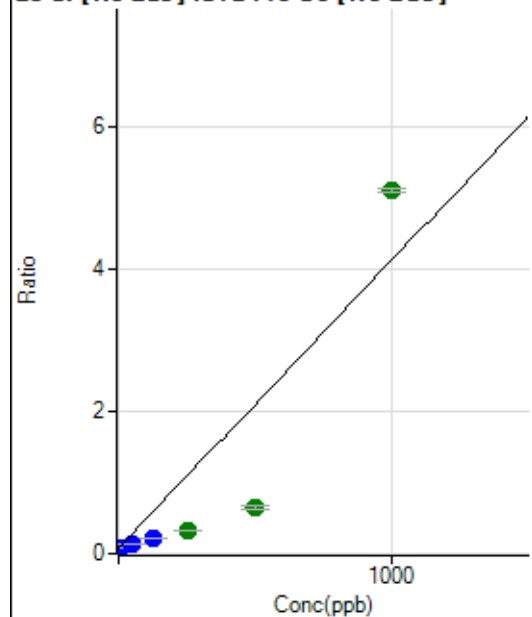
$$DL = 0.1518$$

$$BEC = 0.6358$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 300091.06   | 0.0786 | P        | 0.9 |
| 2 | <input type="checkbox"/> | 10.000   | 1.958      | 321553.75   | 0.0865 | P        | 3.9 |
| 3 | <input type="checkbox"/> | 50.000   | 12.085     | 482685.05   | 0.1275 | P        | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 31.958     | 769530.20   | 0.2078 | P        | 1.6 |
| 5 | <input type="checkbox"/> | 250.000  | 60.590     | 1209773.40  | 0.3235 | A        | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 141.065    | 2119690.19  | 0.6488 | A        | 9.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1240.427   | 17882766.96 | 5.0924 | A        | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 659350.02   | 0.1975 | P        | 8.9 |

$$y = 0.0040 * x + 0.0786$$

$$R = 0.9229$$

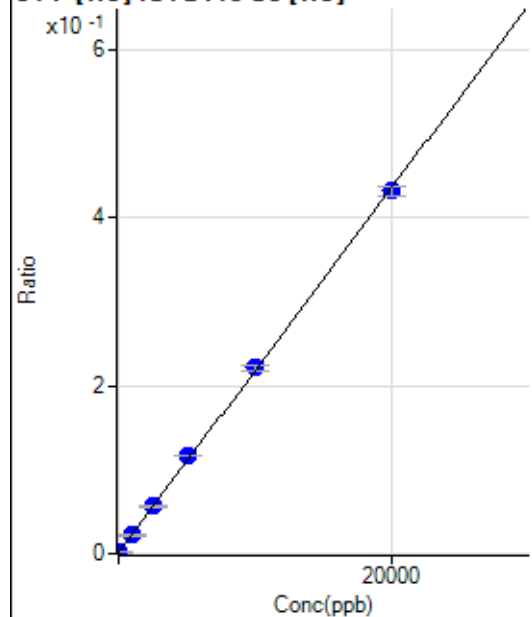
$$DL = 0.5021$$

$$BEC = 19.45$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | -15.236    | 237.78    | 0.0008 | P        | 13.7 |
| 2 | <input type="checkbox"/> | 0.000     | 15.236     | 426.68    | 0.0015 | P        | 6.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 952.365    | 6211.31   | 0.0218 | P        | 2.6  |
| 4 | <input type="checkbox"/> | 2500.000  | 2577.274   | 15434.55  | 0.0571 | P        | 3.8  |
| 5 | <input type="checkbox"/> | 5000.000  | 5322.271   | 31810.83  | 0.1167 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 10142.930  | 58762.19  | 0.2214 | P        | 2.7  |
| 7 | <input type="checkbox"/> | 20000.000 | 19840.690  | 114731.14 | 0.4319 | P        | 2.4  |
| 8 | <input type="checkbox"/> |           |            | 310.01    | 0.0012 | P        | 12.8 |

$$y = 2.1713E-005 * x + 0.0011$$

$$R = 0.9998$$

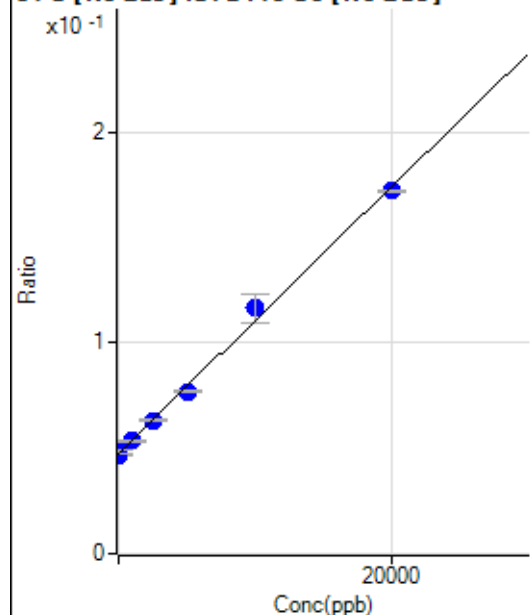
$$DL = 13.83$$

$$BEC = 51.84$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -126.497   | 178821.36 | 0.0468 | P   | 1.6  |
| 2 | <input type="checkbox"/> | 0.000     | 126.497    | 180008.36 | 0.0484 | P   | 4.7  |
| 3 | <input type="checkbox"/> | 1000.000  | 937.259    | 202898.60 | 0.0536 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2439.252   | 233597.15 | 0.0631 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 5000.000  | 4649.648   | 288255.13 | 0.0771 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 10861.095  | 379855.45 | 0.1164 | P   | 11.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 19667.771  | 604562.10 | 0.1722 | P   | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 147729.36 | 0.0442 | P   | 2.2  |

$$y = 6.3309\text{E-}006 * x + 0.0476$$

$$R = 0.9984$$

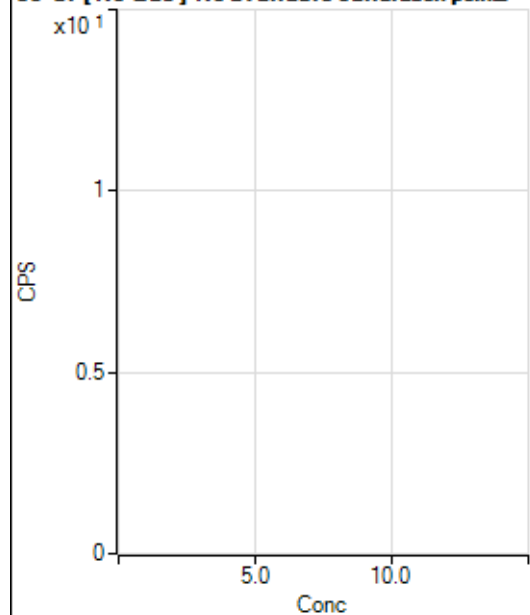
$$DL = 716.8$$

$$BEC = 7526$$

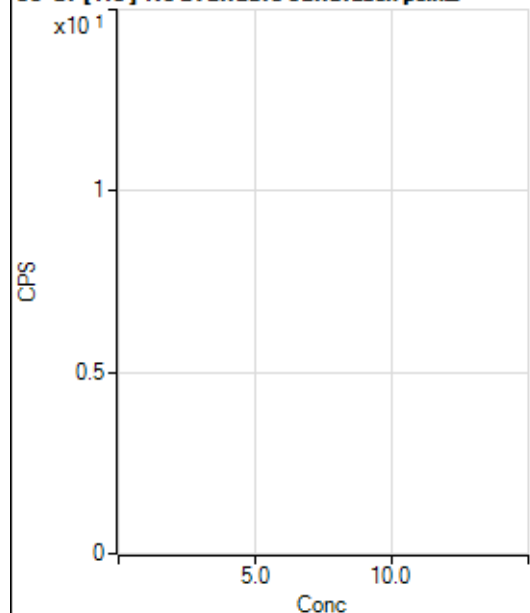
Weight: &lt;None&gt;

Min Conc: 0

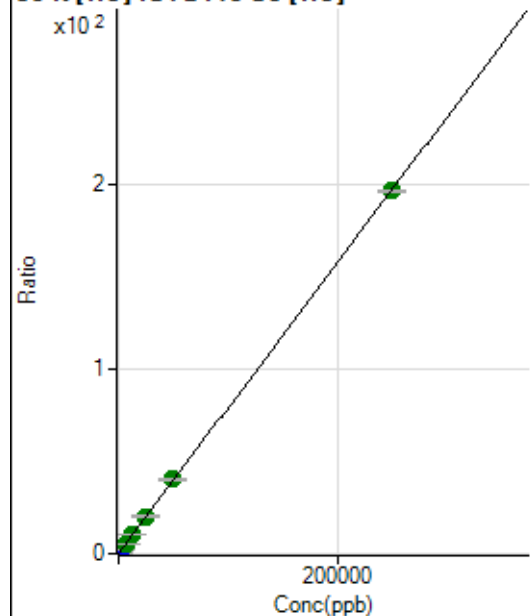
35 Cl [No Gas] No available calibration points



|   | 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"/> |       |            |     |       |     |     |

**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      | 41010.71    | 0.1369   | P        | 3.2 |
| 2 | <input type="checkbox"/> | 500.000   | 533.678    | 162909.80   | 0.5559   | P        | 1.0 |
| 3 | <input type="checkbox"/> | 2500.000  | 2584.506   | 617093.10   | 2.1663   | P        | 2.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6599.489   | 1438333.14  | 5.3191   | A        | 2.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 13341.501  | 2893522.77  | 10.6133  | A        | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25539.791  | 5360612.35  | 20.1920  | A        | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50910.992  | 10656079.29 | 40.1147  | A        | 2.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 249712.09  | 49342003.71 | 196.2234 | A        | 0.4 |

$$y = 7.8525E-004 * x + 0.1369$$

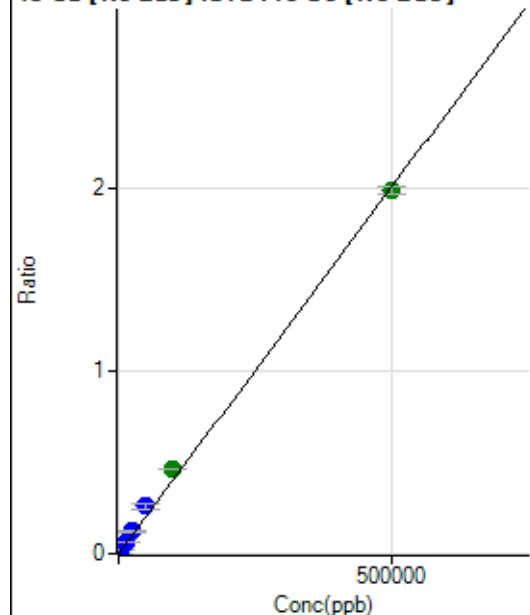
$$R = 1.0000$$

$$DL = 16.64$$

$$BEC = 174.3$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [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     | 0.000      | 371.12     | 0.0001 | P    | 9.5  |
| 2 | <input type="checkbox"/> | 500.000   | 551.902    | 8608.08    | 0.0023 | P    | 4.1  |
| 3 | <input type="checkbox"/> | 5000.000  | 5717.500   | 87415.13   | 0.0231 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 12500.000 | 14916.258  | 222421.12  | 0.0601 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 25000.000 | 30273.576  | 455510.60  | 0.1218 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 50000.000 | 64415.217  | 845407.10  | 0.2591 | P    | 11.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 116118.50  | 1639677.04 | 0.4670 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 500000.00 | 495003.46  | 6649772.26 | 1.9903 | A    | 2.1  |

$$y = 4.0205\text{E-}006 * x + 9.7256\text{E-}005$$

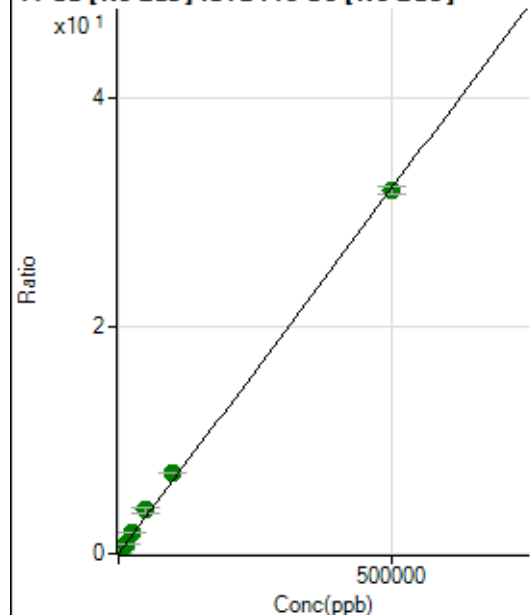
$$R = 0.9991$$

$$DL = 6.88$$

$$BEC = 24.19$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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     | 0.000      | 4459.59     | 0.0012  | P    | 2.9  |
| 2 | <input type="checkbox"/> | 500.000   | 547.098    | 134683.76   | 0.0363  | P    | 5.1  |
| 3 | <input type="checkbox"/> | 5000.000  | 5318.506   | 1295999.94  | 0.3422  | A    | 0.2  |
| 4 | <input type="checkbox"/> | 12500.000 | 13844.644  | 3291674.40  | 0.8890  | A    | 1.5  |
| 5 | <input type="checkbox"/> | 25000.000 | 27927.109  | 6701602.40  | 1.7921  | A    | 0.7  |
| 6 | <input type="checkbox"/> | 50000.000 | 59369.418  | 12428480.93 | 3.8084  | A    | 11.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 110061.73  | 24788584.08 | 7.0592  | A    | 0.6  |
| 8 | <input type="checkbox"/> | 500000.00 | 496867.50  | 106465141.7 | 31.8644 | A    | 2.0  |

$$y = 6.4128\text{E-}005 * x + 0.0012$$

$$R = 0.9997$$

$$DL = 1.609$$

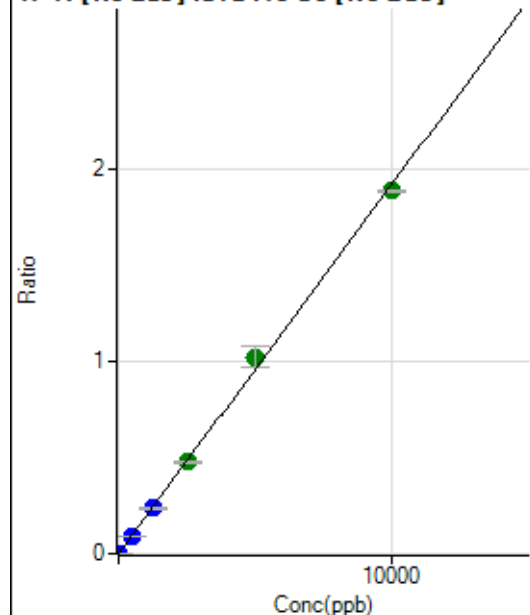
$$BEC = 18.22$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 83.33      | 0.0000 | P        | 31.2 |
| 2 | <input type="checkbox"/> | 5.000     | 5.062      | 3684.93    | 0.0010 | P        | 6.6  |
| 3 | <input type="checkbox"/> | 500.000   | 468.680    | 340335.83  | 0.0899 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1229.954   | 873188.03  | 0.2358 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2494.546   | 1788307.98 | 0.4783 | A        | 2.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 5339.660   | 3340190.96 | 1.0237 | A        | 11.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 9835.605   | 6621915.39 | 1.8857 | A        | 0.4  |
| 8 | <input type="checkbox"/> |           |            | 1502.31    | 0.0004 | P        | 7.6  |

$$y = 1.9172\text{E-}004 * x + 2.1811\text{E-}005$$

$$R = 0.9991$$

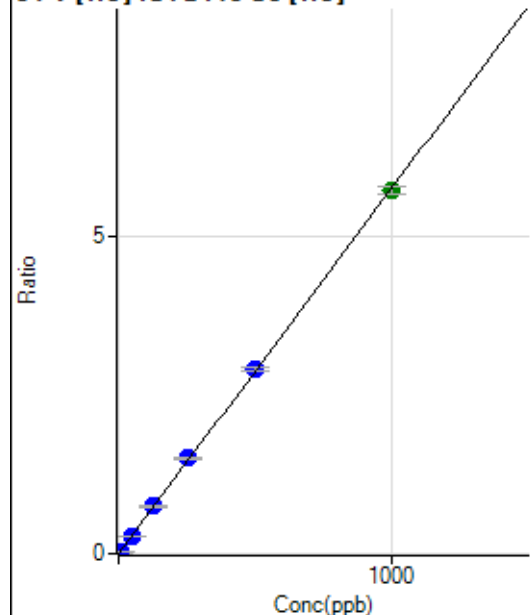
$$DL = 0.1065$$

$$BEC = 0.1138$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.78       | 0.0000 | P        | 89.1 |
| 2 | <input type="checkbox"/> | 5.000    | 4.925      | 8333.49    | 0.0284 | P        | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 47.256     | 77679.49   | 0.2727 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 129.240    | 201636.99  | 0.7457 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 261.854    | 411856.33  | 1.5108 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 505.901    | 774884.16  | 2.9187 | P        | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.693    | 1523050.36 | 5.7330 | A        | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 470.01     | 0.0019 | P        | 10.8 |

$$y = 0.0058 * x + 2.5500\text{E-}005$$

$$R = 0.9999$$

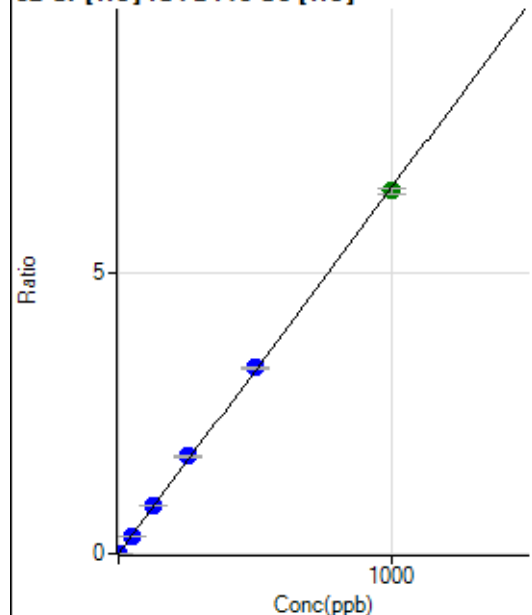
$$DL = 0.01182$$

$$BEC = 0.00442$$

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      | 734.47     | 0.0024 | P   | 2.5 |
| 2 | <input type="checkbox"/> | 2.000    | 2.032      | 4596.30    | 0.0157 | P   | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 48.078     | 89909.00   | 0.3156 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 131.376    | 232062.43  | 0.8582 | P   | 2.3 |
| 5 | <input type="checkbox"/> | 250.000  | 266.279    | 473488.01  | 1.7368 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 507.805    | 878758.26  | 3.3100 | P   | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 991.327    | 1715980.98 | 6.4594 | A   | 1.9 |
| 8 | <input type="checkbox"/> |          |            | 10283.60   | 0.0409 | P   | 0.5 |

$$y = 0.0065 * x + 0.0024$$

$$R = 0.9998$$

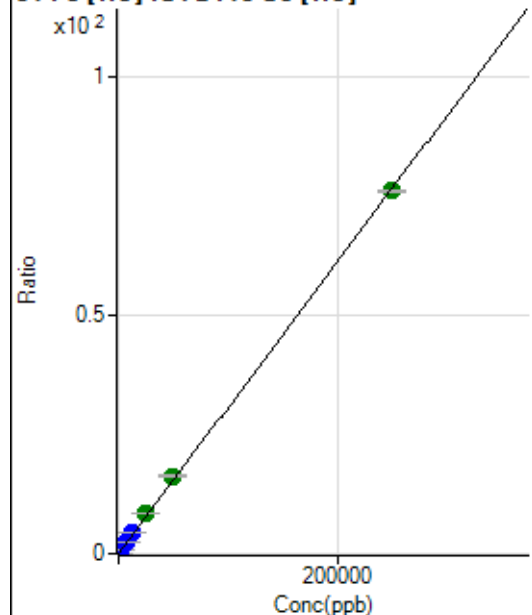
$$DL = 0.02867$$

$$BEC = 0.3759$$

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      | 997.82      | 0.0033  | P   | 3.9 |
| 2 | <input type="checkbox"/> | 50.000    | 56.105     | 5999.02     | 0.0205  | P   | 1.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2702.145   | 236100.60   | 0.8289  | P   | 2.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 7328.533   | 606396.40   | 2.2424  | P   | 2.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 14904.555  | 1242320.53  | 4.5570  | P   | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 27662.535  | 2244556.41  | 8.4549  | A   | 1.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 53141.104  | 4313539.59  | 16.2391 | A   | 2.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 248956.31  | 19126173.74 | 76.0651 | A   | 0.8 |

$$y = 3.0552E-004 * x + 0.0033$$

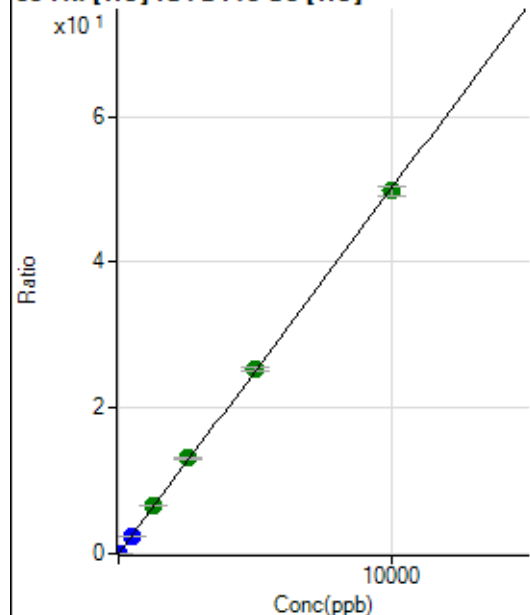
$$R = 0.9999$$

$$DL = 1.264$$

$$BEC = 10.89$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 105.56      | 0.0004  | P        | 13.9 |
| 2 | <input type="checkbox"/> | 1.000     | 0.984      | 1548.98     | 0.0053  | P        | 1.9  |
| 3 | <input type="checkbox"/> | 500.000   | 483.455    | 690782.33   | 2.4249  | P        | 1.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1316.613   | 1785729.99  | 6.6033  | A        | 2.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2625.571   | 3589621.82  | 13.1678 | A        | 1.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5060.981   | 6738303.93  | 25.3815 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9930.618   | 13228924.39 | 49.8031 | A        | 2.6  |
| 8 | <input type="checkbox"/> |           |            | 10219.10    | 0.0406  | P        | 1.4  |

$$y = 0.0050 * x + 3.5240E-004$$

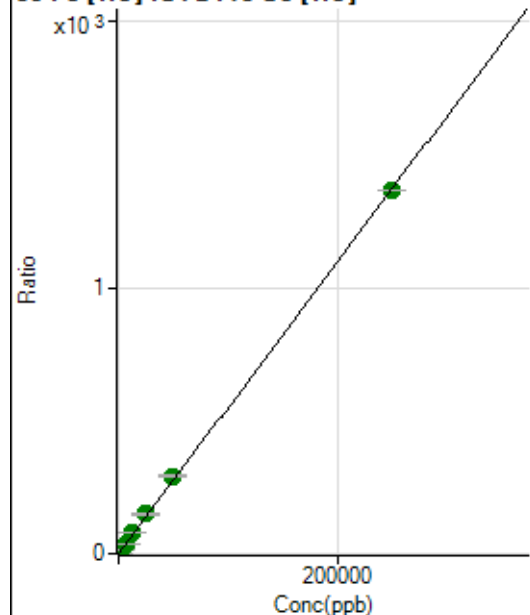
$$R = 0.9999$$

$$DL = 0.02924$$

$$BEC = 0.07027$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6961.68     | 0.0232    | P        | 2.7 |
| 2 | <input type="checkbox"/> | 50.000    | 56.042     | 96662.36    | 0.3299    | P        | 1.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2572.820   | 4016301.71  | 14.0999   | A        | 2.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6960.261   | 10304069.64 | 38.1050   | A        | 2.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 14078.694  | 21005734.27 | 77.0522   | A        | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 27098.031  | 39366722.47 | 148.2852  | A        | 1.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 52903.380  | 76893472.19 | 289.4744  | A        | 2.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 249112.10  | 342728941.5 | 1,362.994 | A        | 0.1 |

$$y = 0.0055 * x + 0.0232$$

$$R = 0.9999$$

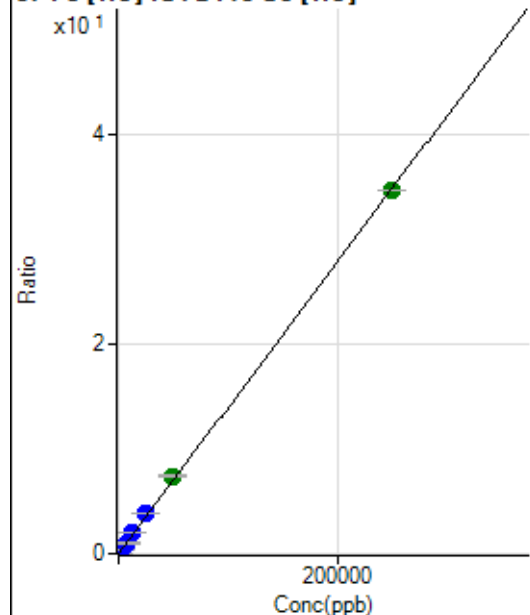
$$DL = 0.3492$$

$$BEC = 4.246$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 551.13     | 0.0018  | P    | 6.2 |
| 2 | <input type="checkbox"/> | 50.000    | 56.765     | 2850.30    | 0.0097  | P    | 4.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2669.865   | 106239.80  | 0.3729  | P    | 1.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 7230.285   | 272252.79  | 1.0068  | P    | 2.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 14621.955  | 554531.50  | 2.0342  | P    | 1.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 28075.694  | 1036498.63 | 3.9041  | P    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 52973.797  | 1956352.59 | 7.3647  | A    | 2.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 248965.36  | 8701727.99 | 34.6057 | A    | 0.1 |

$$y = 1.3899\text{E-}004 * x + 0.0018$$

R = 0.9999

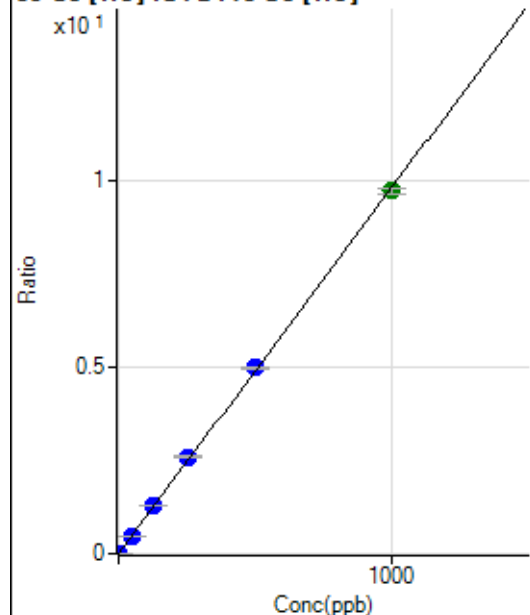
DL = 2.474

BEC = 13.23

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.11      | 0.0001 | P    | 19.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.054      | 3062.56    | 0.0105 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 48.304     | 134644.00  | 0.4727 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 131.225    | 347232.08  | 1.2840 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 264.443    | 705366.73  | 2.5874 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 507.388    | 1317963.33 | 4.9643 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.002    | 2578364.44 | 9.7057 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 7239.58    | 0.0288 | P    | 3.4  |

$$y = 0.0098 * x + 1.3707\text{E-}004$$

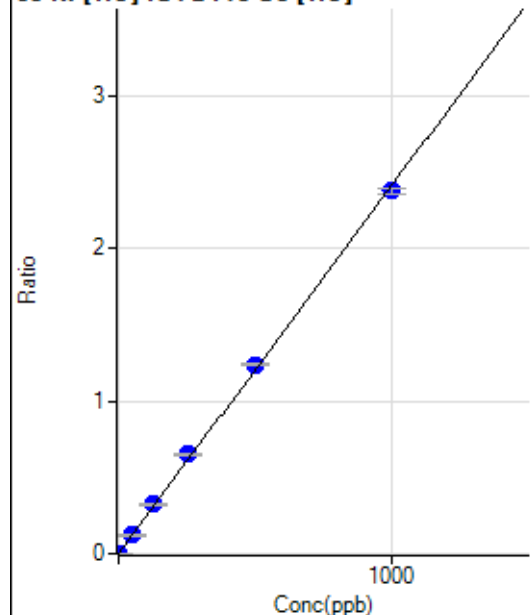
R = 0.9998

DL = 0.008282

BEC = 0.01401

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 102.22    | 0.0003 | P        | 6.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.011      | 814.47    | 0.0028 | P        | 2.2 |
| 3 | <input type="checkbox"/> | 50.000   | 49.557     | 34143.23  | 0.1199 | P        | 3.0 |
| 4 | <input type="checkbox"/> | 125.000  | 134.894    | 88073.14  | 0.3257 | P        | 2.7 |
| 5 | <input type="checkbox"/> | 250.000  | 270.883    | 178204.88 | 0.6537 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 514.428    | 329501.99 | 1.2411 | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 986.350    | 632078.48 | 2.3793 | P        | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 3067.01   | 0.0122 | P        | 3.4 |

$$y = 0.0024 * x + 3.4119E-004$$

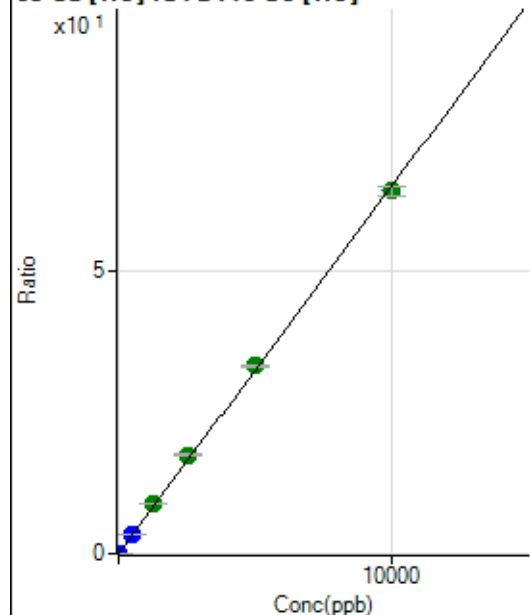
$$R = 0.9996$$

$$DL = 0.02703$$

$$BEC = 0.1415$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2309.09     | 0.0077  | P        | 3.7 |
| 2 | <input type="checkbox"/> | 2.000     | 2.072      | 6194.67     | 0.0211  | P        | 0.8 |
| 3 | <input type="checkbox"/> | 500.000   | 499.186    | 924068.63   | 3.2435  | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1361.251   | 2388075.35  | 8.8315  | A        | 3.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2696.257   | 4766759.16  | 17.4852 | A        | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5110.736   | 8797232.37  | 33.1362 | A        | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9881.702   | 17016847.24 | 64.0622 | A        | 2.5 |
| 8 | <input type="checkbox"/> |           |            | 6894.98     | 0.0274  | P        | 2.9 |

$$y = 0.0065 * x + 0.0077$$

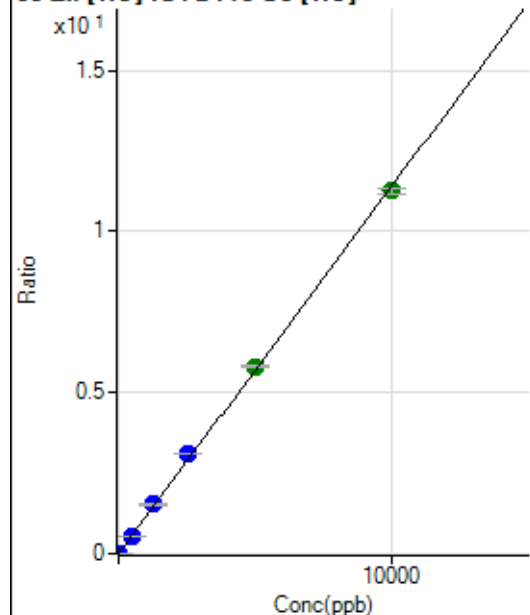
$$R = 0.9996$$

$$DL = 0.1337$$

$$BEC = 1.189$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 516.68     | 0.0017  | P    | 4.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.819      | 2112.39    | 0.0072  | P    | 6.1 |
| 3 | <input type="checkbox"/> | 500.000   | 491.613    | 159993.44  | 0.5616  | P    | 1.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1340.084   | 413195.59  | 1.5280  | P    | 2.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2716.639   | 843949.53  | 3.0957  | P    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5105.810   | 1544338.76 | 5.8168  | A    | 0.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 9882.094   | 2990450.86 | 11.2566 | A    | 1.5 |
| 8 | <input type="checkbox"/> |           |            | 5355.45    | 0.0213  | P    | 2.1 |

$$y = 0.0011 * x + 0.0017$$

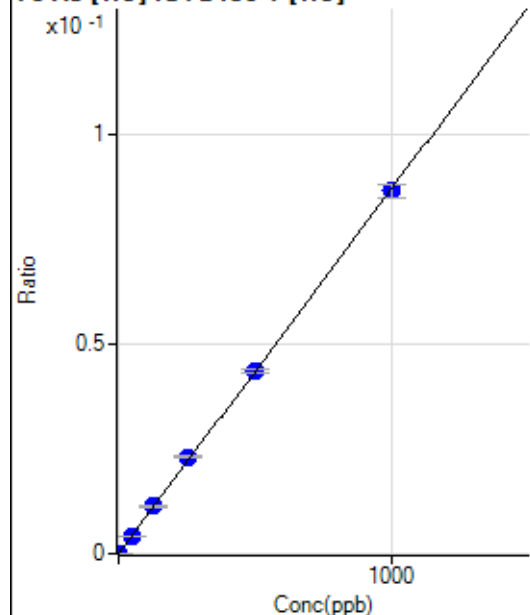
$$R = 0.9996$$

$$DL = 0.1896$$

$$BEC = 1.512$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22      | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.060      | 236.67    | 0.0001 | P    | 16.2 |
| 3 | <input type="checkbox"/> | 50.000   | 49.358     | 10526.04  | 0.0043 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 130.455    | 27071.46  | 0.0113 | P    | 5.2  |
| 5 | <input type="checkbox"/> | 250.000  | 265.723    | 55102.88  | 0.0231 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 500.000  | 501.495    | 104067.04 | 0.0436 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.672    | 204675.29 | 0.0864 | P    | 3.7  |
| 8 | <input type="checkbox"/> |          |            | 133.34    | 0.0001 | P    | 5.3  |

$$y = 8.6893E-005 * x + 8.3620E-007$$

$$R = 0.9998$$

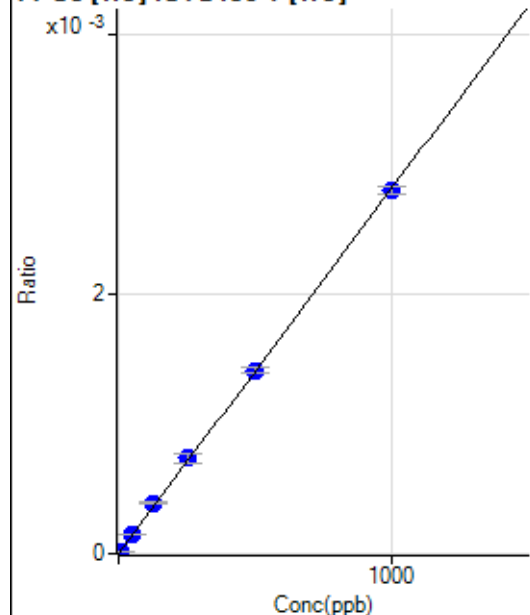
$$DL = 0.025$$

$$BEC = 0.009623$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><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    | 5.586      | 40.00   | 0.0000 | P    | 29.6 |
| 3 | <input type="checkbox"/> | 50.000   | 53.219     | 367.79  | 0.0001 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 125.000  | 139.465    | 940.04  | 0.0004 | P    | 6.0  |
| 5 | <input type="checkbox"/> | 250.000  | 260.830    | 1753.46 | 0.0007 | P    | 9.1  |
| 6 | <input type="checkbox"/> | 500.000  | 502.705    | 3383.76 | 0.0014 | P    | 3.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.968    | 6632.65 | 0.0028 | P    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 33.33   | 0.0000 | P    | 18.5 |

$$y = 2.8170\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

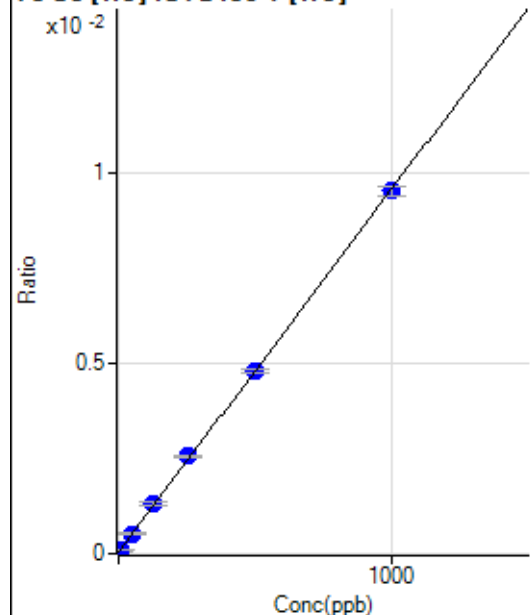
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 103.33   | 0.0000 | P    | 10.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.689      | 238.89   | 0.0001 | P    | 3.4  |
| 3 | <input type="checkbox"/> | 50.000   | 50.343     | 1273.40  | 0.0005 | P    | 6.5  |
| 4 | <input type="checkbox"/> | 125.000  | 133.262    | 3120.36  | 0.0013 | P    | 8.7  |
| 5 | <input type="checkbox"/> | 250.000  | 264.548    | 6101.30  | 0.0026 | P    | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 498.945    | 11432.29 | 0.0048 | P    | 2.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.837    | 22537.22 | 0.0095 | P    | 2.7  |
| 8 | <input type="checkbox"/> |          |            | 222.23   | 0.0001 | P    | 10.7 |

$$y = 9.5153\text{E-}006 * x + 3.9643\text{E-}005$$

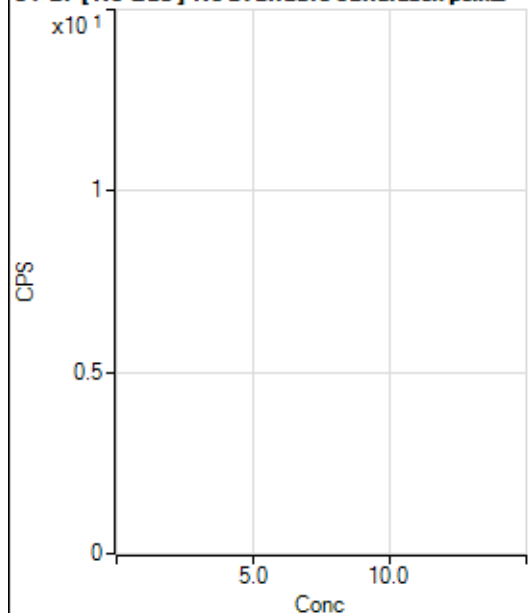
$$R = 0.9999$$

$$DL = 1.269$$

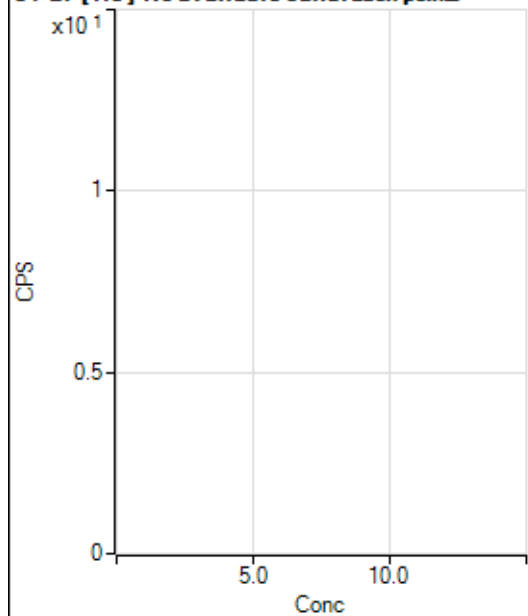
$$BEC = 4.166$$

Weight: &lt;None&gt;

Min Conc: 0

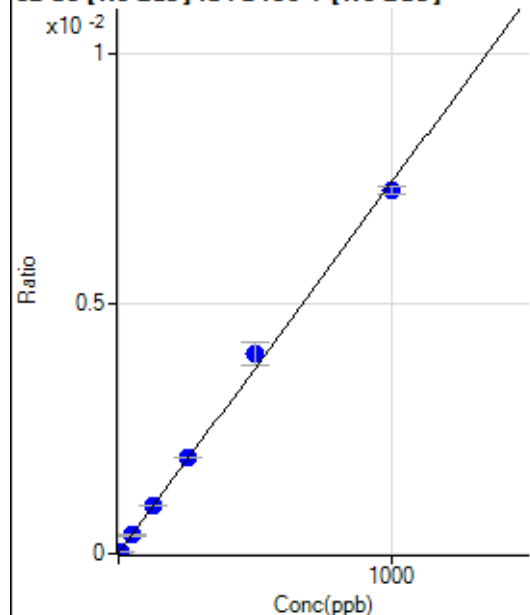
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 9235.18  |       | P        | 4.5 |
| 2 | <input type="checkbox"/> |       |            | 8966.12  |       | P        | 1.3 |
| 3 | <input type="checkbox"/> |       |            | 9115.13  |       | P        | 4.5 |
| 4 | <input type="checkbox"/> |       |            | 8614.80  |       | P        | 1.5 |
| 5 | <input type="checkbox"/> |       |            | 8334.66  |       | P        | 5.0 |
| 6 | <input type="checkbox"/> |       |            | 8602.58  |       | P        | 1.0 |
| 7 | <input type="checkbox"/> |       |            | 8571.45  |       | P        | 1.7 |
| 8 | <input type="checkbox"/> |       |            | 10050.20 |       | P        | 2.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 16.7 |
| 2 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 9.2  |
| 3 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 24.0 |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 27.5 |
| 5 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 43.4 |
| 6 | <input type="checkbox"/> |       |            | 62.22  |       | P        | 12.4 |
| 7 | <input type="checkbox"/> |       |            | 74.44  |       | P        | 15.7 |
| 8 | <input type="checkbox"/> |       |            | 337.79 |       | P        | 16.3 |



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.15    | 0.0000 | P    | 14.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.589      | 532.94   | 0.0000 | P    | 8.1  |
| 3 | <input type="checkbox"/> | 50.000   | 48.625     | 4219.00  | 0.0004 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.874    | 10749.15 | 0.0010 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 258.160    | 21833.05 | 0.0019 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 539.202    | 40840.77 | 0.0040 | P    | 10.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 977.941    | 79348.20 | 0.0073 | P    | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 540.88   | 0.0001 | P    | 1.3  |

$$y = 7.4225\text{E-}006 * x + 6.5227\text{E-}006$$

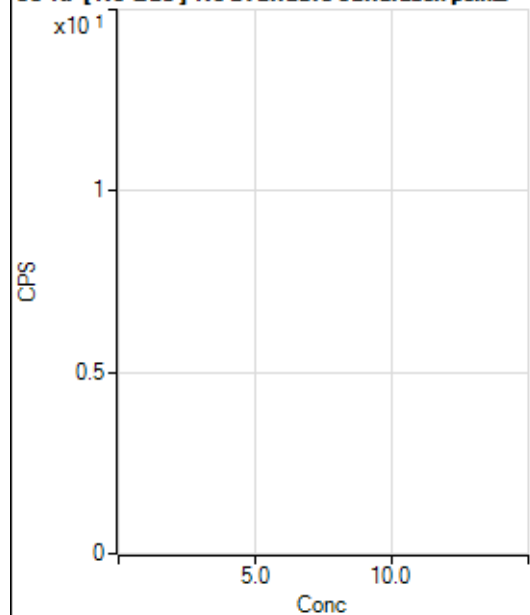
$$R = 0.9988$$

$$DL = 0.3727$$

$$BEC = 0.8788$$

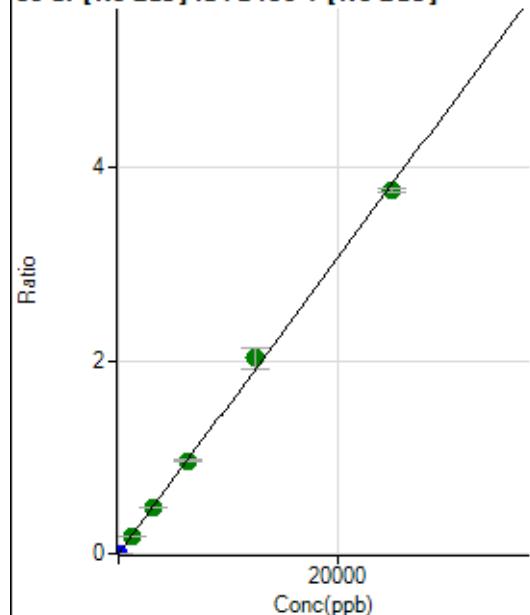
Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|--------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 102.22 |       | P    | 24.5 |
| 2 | <input type="checkbox"/> |       |            | 88.89  |       | P    | 35.4 |
| 3 | <input type="checkbox"/> |       |            | 102.22 |       | P    | 39.2 |
| 4 | <input type="checkbox"/> |       |            | 62.22  |       | P    | 6.2  |
| 5 | <input type="checkbox"/> |       |            | 88.89  |       | P    | 5.7  |
| 6 | <input type="checkbox"/> |       |            | 115.56 |       | P    | 10.1 |
| 7 | <input type="checkbox"/> |       |            | 120.00 |       | P    | 4.8  |
| 8 | <input type="checkbox"/> |       |            | 123.34 |       | P    | 12.4 |

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 166.67      | 0.0000 | P    | 14.2 |
| 2 | <input type="checkbox"/> | 1.000     | 1.018      | 1885.70     | 0.0002 | P    | 9.0  |
| 3 | <input type="checkbox"/> | 1250.000  | 1198.658   | 2101936.98  | 0.1830 | A    | 0.6  |
| 4 | <input type="checkbox"/> | 3125.000  | 3101.806   | 5286574.12  | 0.4737 | A    | 0.6  |
| 5 | <input type="checkbox"/> | 6250.000  | 6309.983   | 10939715.39 | 0.9635 | A    | 1.6  |
| 6 | <input type="checkbox"/> | 12500.000 | 13271.158  | 20646010.11 | 2.0265 | A    | 10.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 24604.892  | 41037164.67 | 3.7572 | A    | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 7228.51     | 0.0007 | P    | 3.8  |

$$y = 1.5270\text{E-}004 * x + 1.4484\text{E-}005$$

$$R = 0.9993$$

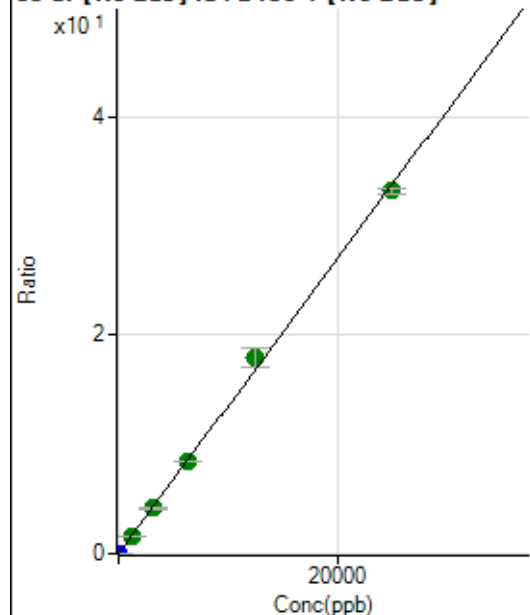
$$DL = 0.04034$$

$$BEC = 0.09485$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 104.45      | 0.0000  | P    | 15.9 |
| 2 | <input type="checkbox"/> | 1.000     | 1.028      | 15489.35    | 0.0014  | P    | 5.4  |
| 3 | <input type="checkbox"/> | 1250.000  | 1168.096   | 18069174.17 | 1.5736  | A    | 0.6  |
| 4 | <input type="checkbox"/> | 3125.000  | 3075.805   | 46245643.20 | 4.1435  | A    | 0.6  |
| 5 | <input type="checkbox"/> | 6250.000  | 6257.985   | 95722068.57 | 8.4303  | A    | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 13259.573  | 182103830.6 | 17.8624 | A    | 9.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 24628.462  | 362374936.8 | 33.1777 | A    | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 62660.05    | 0.0062  | P    | 6.9  |

$$y = 0.0013 * x + 9.0699\text{E-}006$$

$$R = 0.9993$$

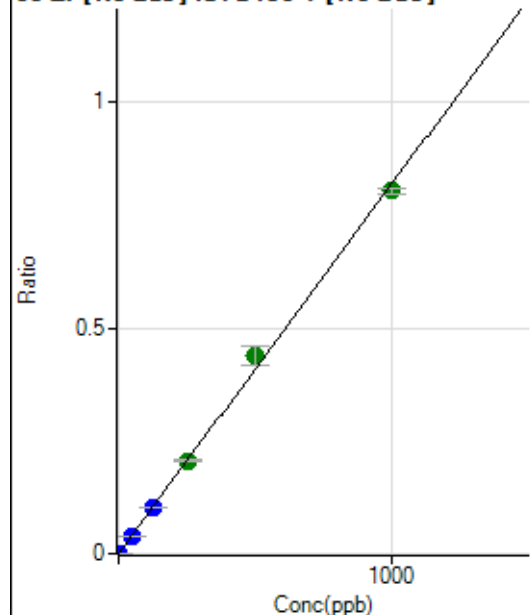
$$DL = 0.003214$$

$$BEC = 0.006733$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 408.90     | 0.0000 | P    | 11.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.997      | 9458.68    | 0.0009 | P    | 5.5  |
| 3 | <input type="checkbox"/> | 50.000   | 46.719     | 439358.25  | 0.0383 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 123.009    | 1123753.81 | 0.1007 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 252.313    | 2344533.56 | 0.2065 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 535.164    | 4463709.45 | 0.4379 | A    | 10.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 982.253    | 8779030.01 | 0.8037 | A    | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 4620.78    | 0.0005 | P    | 3.2  |

$$y = 8.1823\text{E-}004 * x + 3.5541\text{E-}005$$

$$R = 0.9990$$

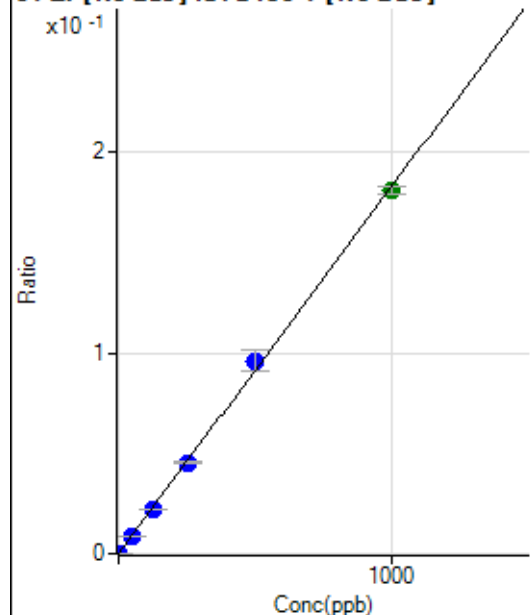
$$DL = 0.0143$$

$$BEC = 0.04344$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 84.45      | 0.0000 | P    | 24.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.939      | 1987.93    | 0.0002 | P    | 7.6  |
| 3 | <input type="checkbox"/> | 50.000   | 46.078     | 96820.91   | 0.0084 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 122.671    | 250403.75  | 0.0224 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 248.626    | 516203.89  | 0.0455 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 525.034    | 978162.46  | 0.0960 | P    | 10.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.314    | 1973605.46 | 0.1807 | A    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 1026.71    | 0.0001 | P    | 1.8  |

$$y = 1.8283\text{E-}004 * x + 7.3245\text{E-}006$$

$$R = 0.9995$$

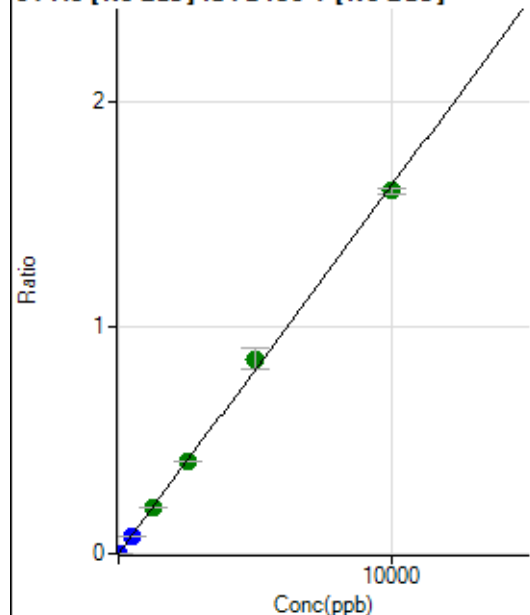
$$DL = 0.02918$$

$$BEC = 0.04006$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 178.89      | 0.0000 | P        | 27.4 |
| 2 | <input type="checkbox"/> | 5.000     | 6.005      | 11019.78    | 0.0010 | P        | 4.9  |
| 3 | <input type="checkbox"/> | 500.000   | 471.166    | 879578.48   | 0.0766 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1245.151   | 2259187.17  | 0.2024 | A        | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2501.501   | 4617129.10  | 0.4066 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5285.717   | 8753168.06  | 0.8592 | A        | 11.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9858.814   | 17503000.85 | 1.6026 | A        | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 5551.11     | 0.0005 | P        | 6.1  |

$$y = 1.6255\text{E-}004 * x + 1.5565\text{E-}005$$

$$R = 0.9994$$

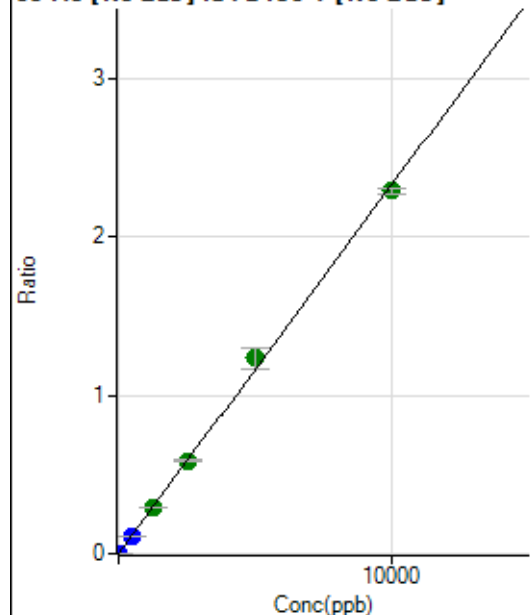
$$DL = 0.07883$$

$$BEC = 0.09575$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 172.22      | 0.0000 | P        | 7.2  |
| 2 | <input type="checkbox"/> | 5.000     | 5.071      | 13267.20    | 0.0012 | P        | 5.1  |
| 3 | <input type="checkbox"/> | 500.000   | 469.419    | 1253535.54  | 0.1092 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1247.507   | 3237855.40  | 0.2901 | A        | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2516.807   | 6644729.83  | 0.5853 | A        | 1.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5309.264   | 12575948.42 | 1.2346 | A        | 11.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9843.007   | 24999485.46 | 2.2889 | A        | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 6890.57     | 0.0007 | P        | 6.1  |

$$y = 2.3254\text{E-}004 * x + 1.4957\text{E-}005$$

$$R = 0.9993$$

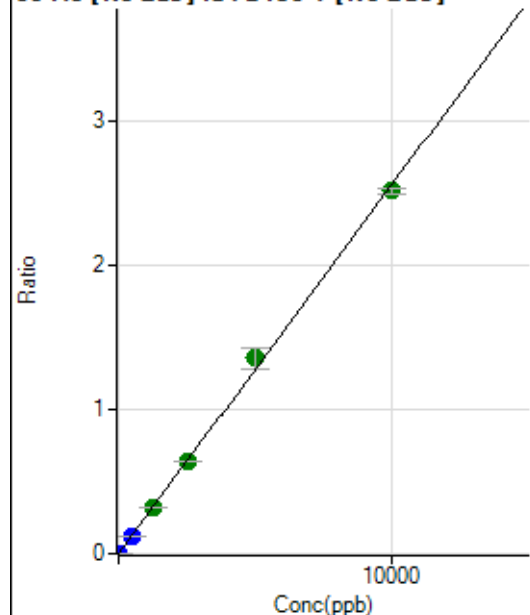
$$DL = 0.01397$$

$$BEC = 0.06432$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 100.00      | 0.0000 | P        | 17.5 |
| 2 | <input type="checkbox"/> | 5.000     | 5.023      | 14318.21    | 0.0013 | P        | 6.8  |
| 3 | <input type="checkbox"/> | 500.000   | 470.121    | 1376366.42  | 0.1199 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1245.769   | 3545073.98  | 0.3176 | A        | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2508.275   | 7260996.84  | 0.6395 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 5309.403   | 13789187.02 | 1.3537 | A        | 11.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9845.252   | 27415955.70 | 2.5101 | A        | 1.4  |
| 8 | <input type="checkbox"/> |           |            | 11534.64    | 0.0011 | P        | 2.5  |

$$y = 2.5496E-004 * x + 8.6863E-006$$

$$R = 0.9993$$

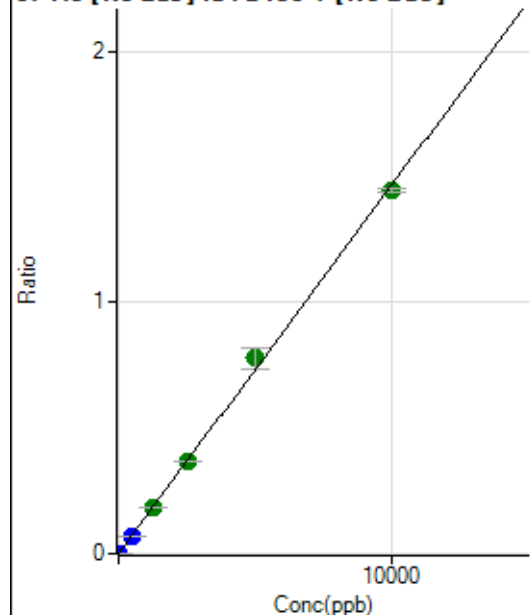
$$DL = 0.01785$$

$$BEC = 0.03407$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 55.56       | 0.0000 | P        | 27.2 |
| 2 | <input type="checkbox"/> | 5.000     | 5.038      | 8261.30     | 0.0007 | P        | 7.2  |
| 3 | <input type="checkbox"/> | 500.000   | 469.166    | 790583.03   | 0.0689 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1239.612   | 2030320.04  | 0.1819 | A        | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2494.254   | 4155950.49  | 0.3660 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5307.775   | 7935114.33  | 0.7789 | A        | 11.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9850.389   | 15788311.01 | 1.4455 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 4325.13     | 0.0004 | P        | 6.5  |

$$y = 1.4675E-004 * x + 4.8288E-006$$

$$R = 0.9993$$

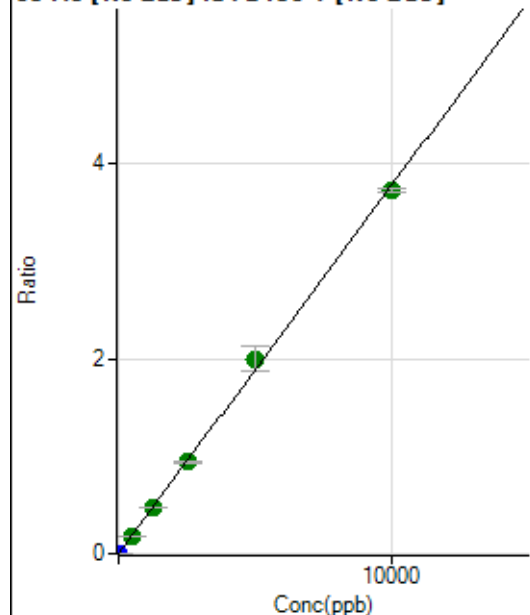
$$DL = 0.02682$$

$$BEC = 0.03291$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 98.89       | 0.0000 | P    | 22.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.044      | 21235.50    | 0.0019 | P    | 5.0  |
| 3 | <input type="checkbox"/> | 500.000   | 469.490    | 2033481.38  | 0.1771 | A    | 1.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1238.812   | 5215603.74  | 0.4673 | A    | 0.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2487.320   | 10653137.69 | 0.9383 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5299.807   | 20352238.03 | 1.9992 | A    | 12.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9856.190   | 40608747.17 | 3.7179 | A    | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 10287.06    | 0.0010 | P    | 6.6  |

$$y = 3.7722\text{E-}004 * x + 8.6028\text{E-}006$$

$$R = 0.9993$$

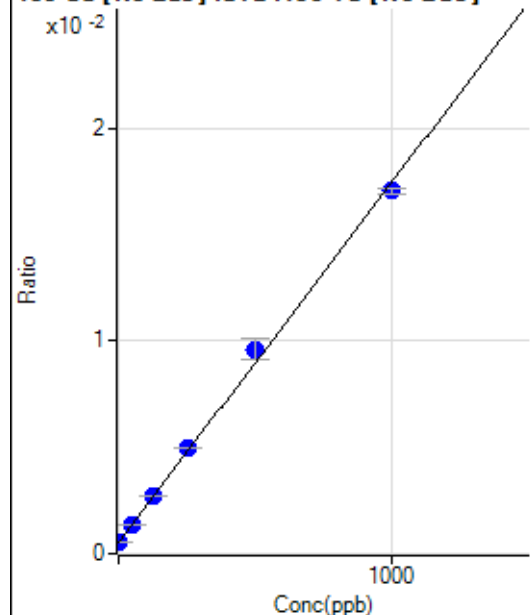
$$DL = 0.01564$$

$$BEC = 0.02281$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4317.35   | 0.0005 | P    | 1.7  |
| 2 | <input type="checkbox"/> | 1.000    | 0.885      | 4297.34   | 0.0005 | P    | 3.3  |
| 3 | <input type="checkbox"/> | 50.000   | 51.674     | 11626.96  | 0.0014 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 129.695    | 22491.94  | 0.0027 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 262.697    | 41837.91  | 0.0050 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 537.275    | 73934.52  | 0.0096 | P    | 10.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 977.518    | 142403.21 | 0.0171 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 3933.90   | 0.0005 | P    | 3.4  |

$$y = 1.6939\text{E-}005 * x + 5.1544\text{E-}004$$

$$R = 0.9988$$

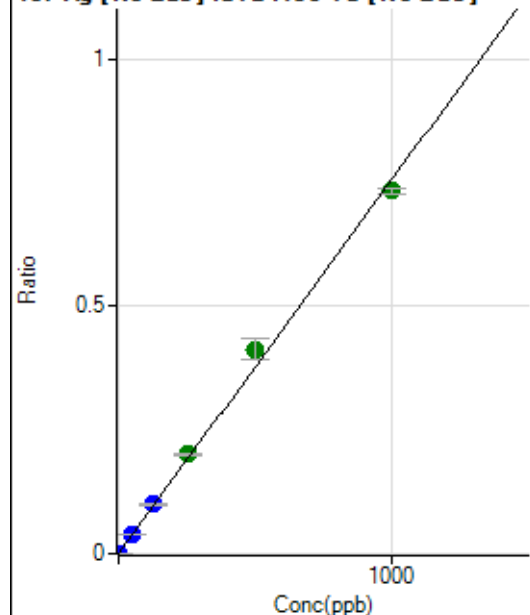
$$DL = 1.524$$

$$BEC = 30.43$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22      | 0.0000 | P    | 18.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.031      | 6361.45    | 0.0008 | P    | 7.6  |
| 3 | <input type="checkbox"/> | 50.000   | 51.163     | 322992.17  | 0.0386 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 131.666    | 824360.11  | 0.0994 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 266.048    | 1692534.63 | 0.2009 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 547.724    | 3178465.96 | 0.4135 | A    | 10.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 971.235    | 6115754.91 | 0.7333 | A    | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 1392.30    | 0.0002 | P    | 9.4  |

$$y = 7.5496E-004 * x + 8.6138E-006$$

$$R = 0.9981$$

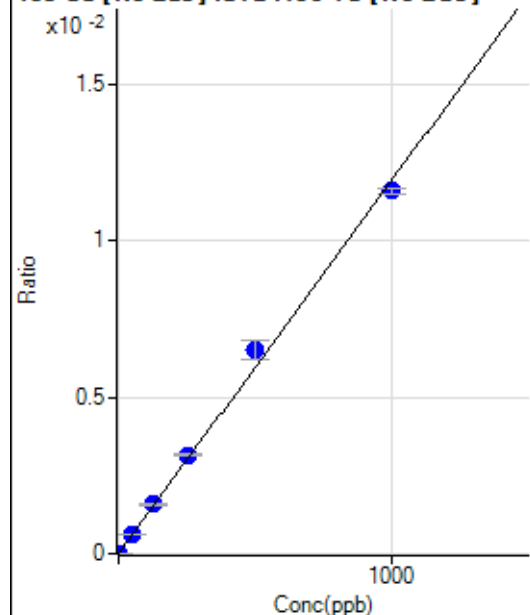
$$DL = 0.006303$$

$$BEC = 0.01141$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11    | 0.0000 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.913      | 98.89    | 0.0000 | P    | 6.8  |
| 3 | <input type="checkbox"/> | 50.000   | 49.931     | 4986.47  | 0.0006 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 131.504    | 13009.24 | 0.0016 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 263.766    | 26501.99 | 0.0031 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 500.000  | 545.905    | 50045.93 | 0.0065 | P    | 10.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 972.796    | 96719.20 | 0.0116 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 107.78   | 0.0000 | P    | 19.3 |

$$y = 1.1919E-005 * x + 1.3266E-006$$

$$R = 0.9983$$

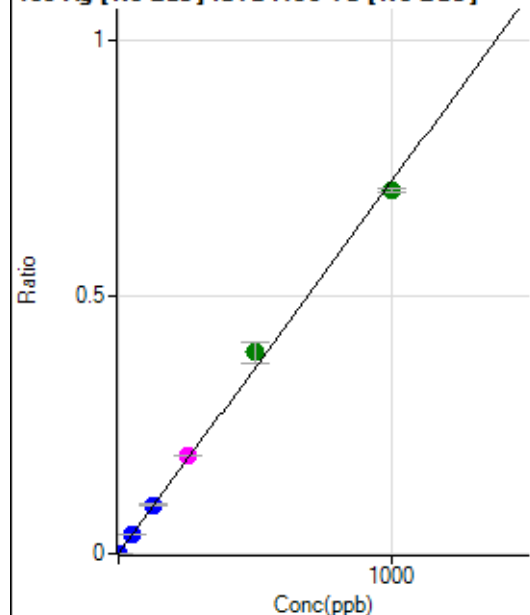
$$DL = 0.05801$$

$$BEC = 0.1113$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 34.44      | 0.0000 | P        | 40.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.060      | 6241.41    | 0.0008 | P        | 7.5  |
| 3 | <input type="checkbox"/> | 50.000   | 50.717     | 307279.99  | 0.0368 | P        | 0.2  |
| 4 | <input type="checkbox"/> | 125.000  | 131.323    | 789122.50  | 0.0952 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 264.108    | 1612626.33 | 0.1914 | M        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 541.146    | 3015110.51 | 0.3921 | A        | 10.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 975.074    | 5893228.87 | 0.7066 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 1341.19    | 0.0002 | P        | 9.9  |

$$y = 7.2462\text{E-}004 * x + 4.1155\text{E-}006$$

$$R = 0.9986$$

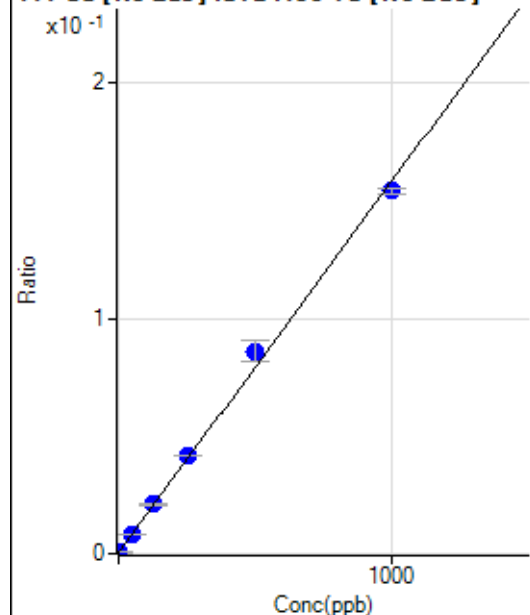
$$DL = 0.006892$$

$$BEC = 0.005679$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3024.37    | 0.0004 | P        | 1.8  |
| 2 | <input type="checkbox"/> | 1.000    | 1.175      | 4426.79    | 0.0005 | P        | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 50.963     | 70267.46   | 0.0084 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 130.394    | 173667.85  | 0.0209 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 262.585    | 352285.23  | 0.0418 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 542.618    | 661058.80  | 0.0860 | P        | 10.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 974.822    | 1286360.49 | 0.1542 | P        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 3519.43    | 0.0005 | P        | 2.4  |

$$y = 1.5784\text{E-}004 * x + 3.6107\text{E-}004$$

$$R = 0.9985$$

$$DL = 0.1222$$

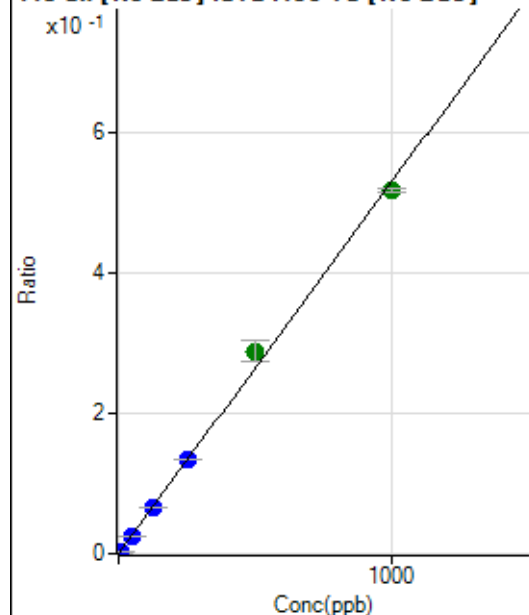
$$BEC = 2.288$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 404.46     | 0.0000 | P    | 14.6 |
| 2 | <input type="checkbox"/> | 5.000    | 5.179      | 22573.35   | 0.0028 | P    | 6.2  |
| 3 | <input type="checkbox"/> | 50.000   | 48.200     | 213870.46  | 0.0256 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 125.504    | 551711.46  | 0.0665 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 253.668    | 1132712.10 | 0.1344 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 545.232    | 2220047.85 | 0.2889 | A    | 10.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 976.493    | 4314929.24 | 0.5173 | A    | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 3678.28    | 0.0005 | P    | 4.4  |

$$y = 5.2974\text{E-}004 * x + 4.8251\text{E-}005$$

$$R = 0.9984$$

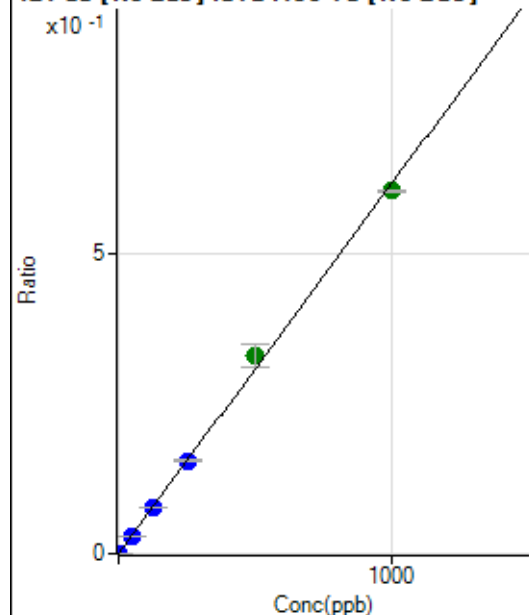
$$DL = 0.03985$$

$$BEC = 0.09108$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.00      | 0.0000 | P    | 25.5 |
| 2 | <input type="checkbox"/> | 2.000    | 2.003      | 10064.71   | 0.0012 | P    | 8.9  |
| 3 | <input type="checkbox"/> | 50.000   | 47.364     | 244418.06  | 0.0292 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 123.754    | 633330.88  | 0.0764 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 252.066    | 1310721.30 | 0.1556 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 536.877    | 2545370.22 | 0.3313 | A    | 11.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 981.333    | 5050987.01 | 0.6056 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 6273.65    | 0.0008 | P    | 7.2  |

$$y = 6.1707\text{E-}004 * x + 9.5543\text{E-}006$$

$$R = 0.9990$$

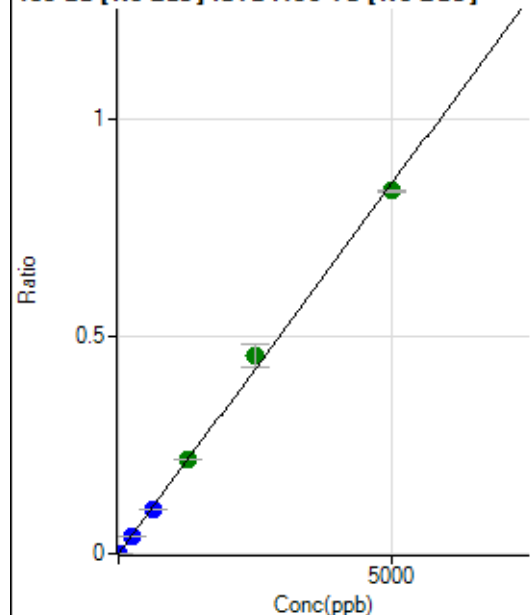
$$DL = 0.01183$$

$$BEC = 0.01548$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [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      | 10.00      | 0.0000 | P    | 66.8 |
| 2 | <input type="checkbox"/> | 10.000   | 9.660      | 13282.96   | 0.0016 | P    | 6.7  |
| 3 | <input type="checkbox"/> | 250.000  | 230.479    | 327456.28  | 0.0392 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 625.000  | 600.627    | 846398.22  | 0.1021 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1273.714   | 1823929.05 | 0.2165 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2680.960   | 3500442.83 | 0.4556 | A    | 11.3 |
| 7 | <input type="checkbox"/> | 5000.000 | 4907.615   | 6956401.63 | 0.8340 | A    | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 3972.81    | 0.0005 | P    | 4.3  |

$$y = 1.6994E-004 * x + 1.1966E-006$$

$$R = 0.9989$$

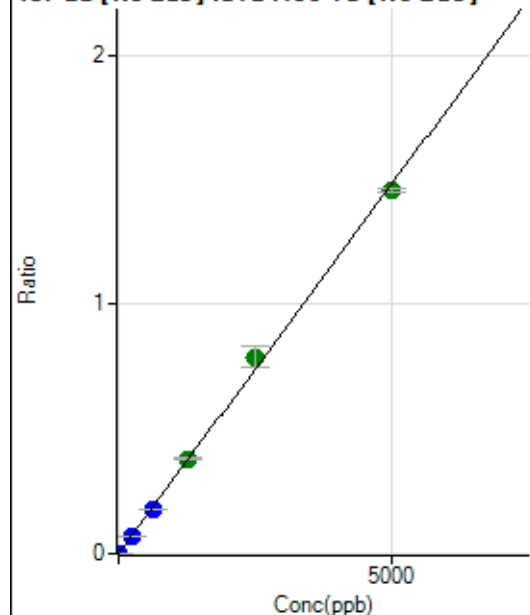
$$DL = 0.0141$$

$$BEC = 0.007042$$

Weight: &lt;None&gt;

Min Conc: 0

137 Ba [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      | 16.67       | 0.0000 | P    | 19.5 |
| 2 | <input type="checkbox"/> | 10.000   | 9.768      | 23411.56    | 0.0029 | P    | 5.9  |
| 3 | <input type="checkbox"/> | 250.000  | 231.251    | 572607.47   | 0.0685 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 603.531    | 1482264.60  | 0.1788 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1288.001   | 3214388.63  | 0.3815 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2661.354   | 6058262.69  | 0.7882 | A    | 10.7 |
| 7 | <input type="checkbox"/> | 5000.000 | 4913.444   | 12137732.60 | 1.4552 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 7109.61     | 0.0009 | P    | 2.1  |

$$y = 2.9617E-004 * x + 1.9887E-006$$

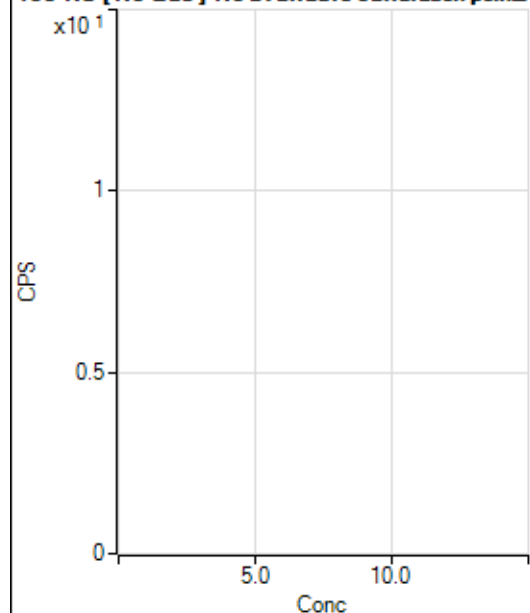
$$R = 0.9991$$

$$DL = 0.003918$$

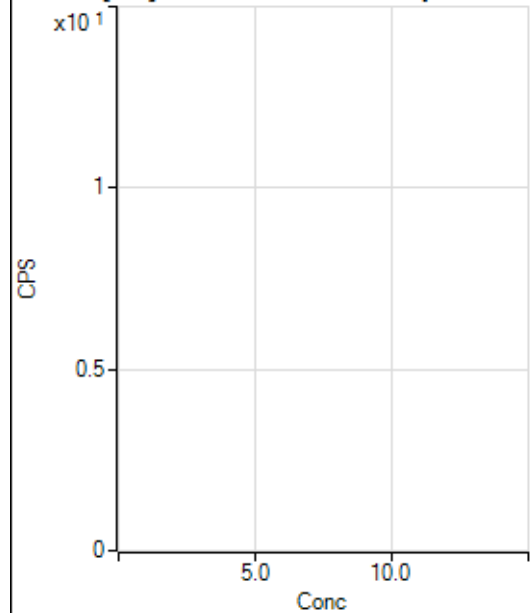
$$BEC = 0.006715$$

Weight: &lt;None&gt;

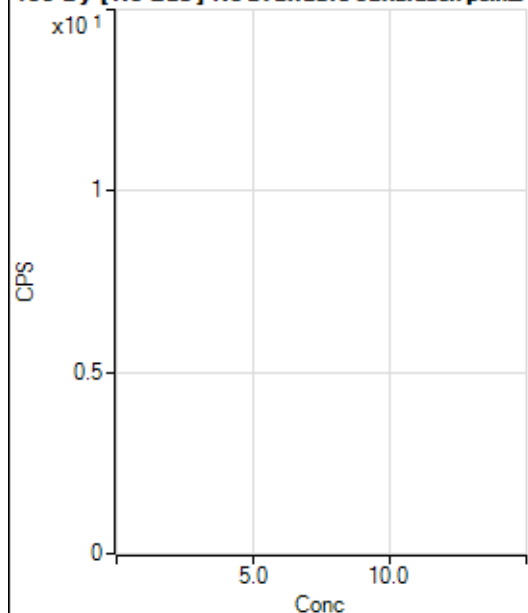
Min Conc: 0

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

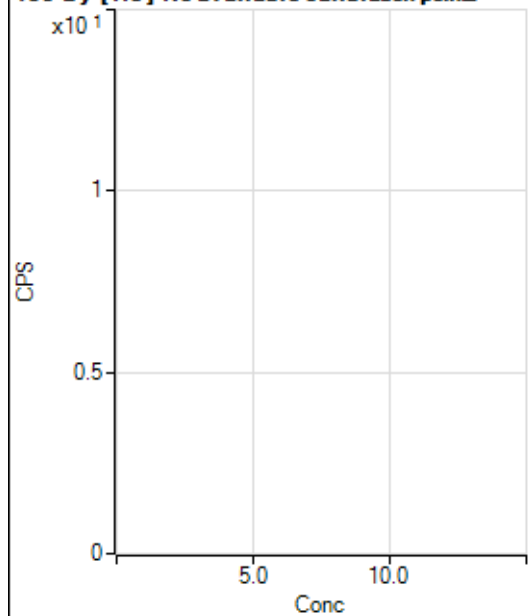
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 44.1 |
| 4 | <input type="checkbox"/> |       |            | 96.67  |       | P        | 34.0 |
| 5 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 18.9 |
| 6 | <input type="checkbox"/> |       |            | 300.01 |       | P        | 10.6 |
| 7 | <input type="checkbox"/> |       |            | 703.36 |       | P        | 1.4  |
| 8 | <input type="checkbox"/> |       |            | 193.34 |       | P        | 13.8 |

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

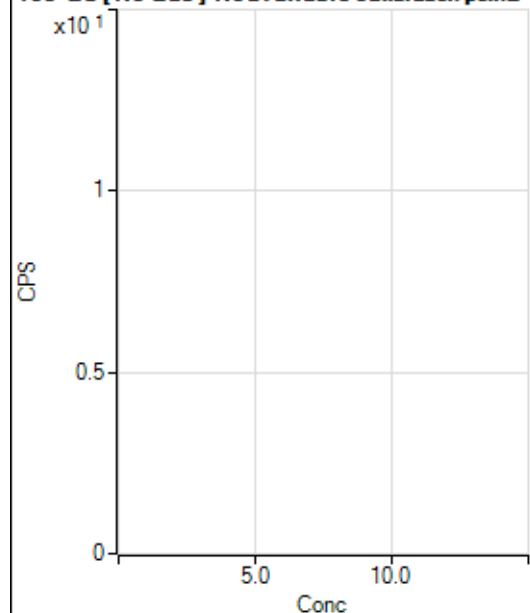
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 47.2 |
| 5 | <input type="checkbox"/> |       |            | 46.66  |       | P        | 12.4 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 27.8 |
| 7 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 11.6 |
| 8 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 15.3 |

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

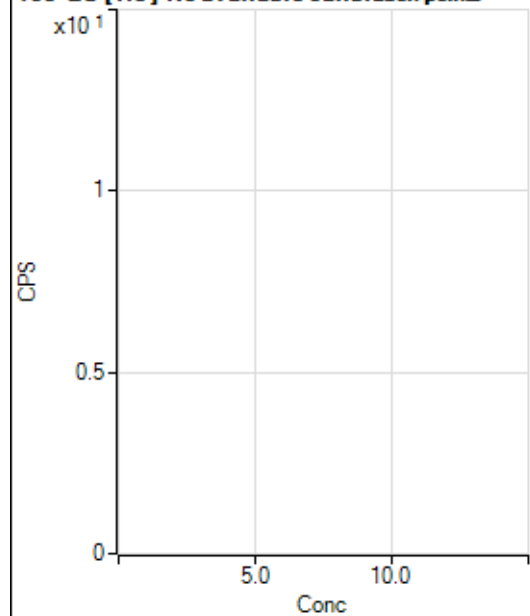
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22    |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 6.67    |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 24.44   |       | P        | 41.7 |
| 4 | <input type="checkbox"/> |       |            | 41.11   |       | P        | 32.8 |
| 5 | <input type="checkbox"/> |       |            | 98.89   |       | P        | 36.0 |
| 6 | <input type="checkbox"/> |       |            | 173.34  |       | P        | 18.3 |
| 7 | <input type="checkbox"/> |       |            | 382.23  |       | P        | 1.3  |
| 8 | <input type="checkbox"/> |       |            | 1004.49 |       | P        | 7.2  |

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

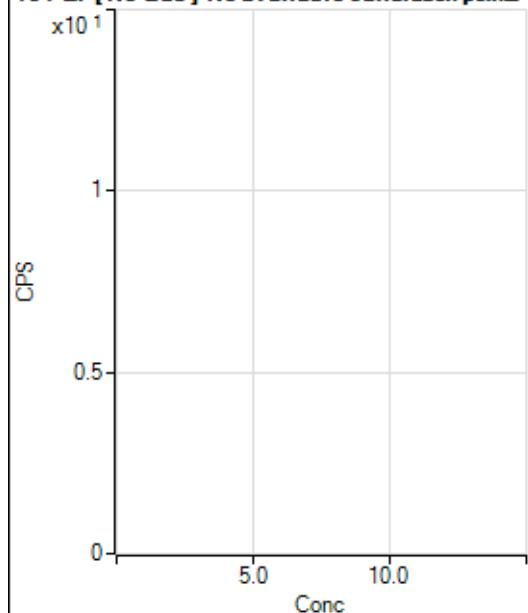
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 114. |
| 2 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 20.00  |       | P        | 33.4 |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 9.2  |
| 5 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 18.7 |
| 6 | <input type="checkbox"/> |       |            | 195.56 |       | P        | 11.0 |
| 7 | <input type="checkbox"/> |       |            | 390.01 |       | P        | 8.7  |
| 8 | <input type="checkbox"/> |       |            | 688.91 |       | P        | 2.0  |

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

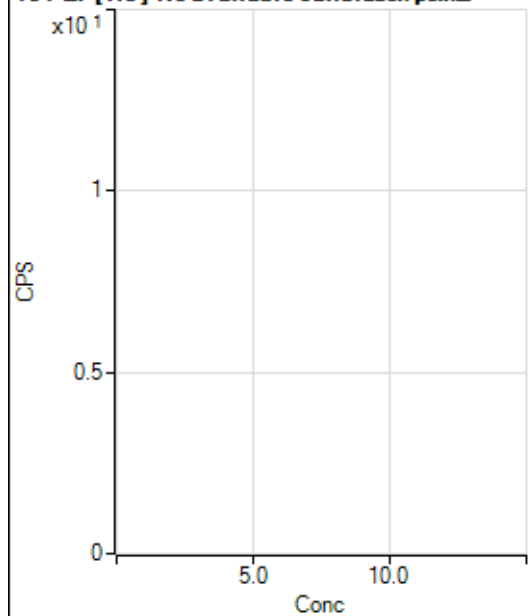
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 31.11   |       | P        | 16.4 |
| 2 | <input type="checkbox"/> |       |            | 33.33   |       | P        | 26.4 |
| 3 | <input type="checkbox"/> |       |            | 41.11   |       | P        | 32.8 |
| 4 | <input type="checkbox"/> |       |            | 68.89   |       | P        | 23.9 |
| 5 | <input type="checkbox"/> |       |            | 123.34  |       | P        | 16.4 |
| 6 | <input type="checkbox"/> |       |            | 144.45  |       | P        | 11.4 |
| 7 | <input type="checkbox"/> |       |            | 322.23  |       | P        | 5.7  |
| 8 | <input type="checkbox"/> |       |            | 1163.40 |       | P        | 8.5  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 293.34 |       | P        | 3.0  |
| 2 | <input type="checkbox"/> |       |            | 262.23 |       | P        | 15.3 |
| 3 | <input type="checkbox"/> |       |            | 270.01 |       | P        | 21.0 |
| 4 | <input type="checkbox"/> |       |            | 238.89 |       | P        | 6.3  |
| 5 | <input type="checkbox"/> |       |            | 297.78 |       | P        | 10.4 |
| 6 | <input type="checkbox"/> |       |            | 340.01 |       | P        | 12.3 |
| 7 | <input type="checkbox"/> |       |            | 461.12 |       | P        | 13.2 |
| 8 | <input type="checkbox"/> |       |            | 972.26 |       | P        | 4.5  |

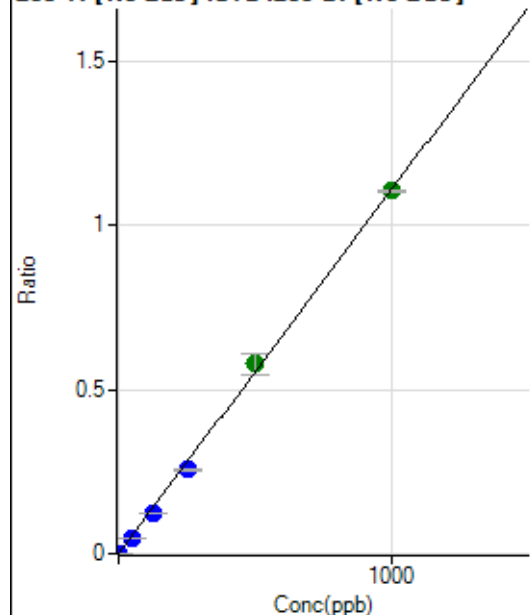
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 34.8 |
| 2 | <input type="checkbox"/> |       |            | 46.66  |       | P        | 24.7 |
| 3 | <input type="checkbox"/> |       |            | 64.44  |       | P        | 39.2 |
| 4 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 13.2 |
| 5 | <input type="checkbox"/> |       |            | 86.67  |       | P        | 6.7  |
| 6 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 29.2 |
| 7 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 23.8 |
| 8 | <input type="checkbox"/> |       |            | 187.78 |       | P        | 14.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 63.5 |
| 2 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 22.3 |
| 3 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 23.6 |
| 4 | <input type="checkbox"/> |       |            | 30.00  |       | P        | 57.7 |
| 5 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 25.6 |
| 6 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 12.4 |
| 7 | <input type="checkbox"/> |       |            | 83.33  |       | P        | 17.4 |
| 8 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 11.4 |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 76.67      | 0.0000 | P    | 37.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.851      | 4451.88    | 0.0010 | P    | 5.1  |
| 3 | <input type="checkbox"/> | 50.000   | 42.248     | 223460.88  | 0.0468 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 111.012    | 584343.21  | 0.1230 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 229.876    | 1227355.77 | 0.2546 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 520.869    | 2550437.17 | 0.5770 | A    | 11.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 996.733    | 5105966.17 | 1.1041 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1993.50    | 0.0005 | P    | 2.8  |

$$y = 0.0011 * x + 1.6073E-005$$

$$R = 0.9994$$

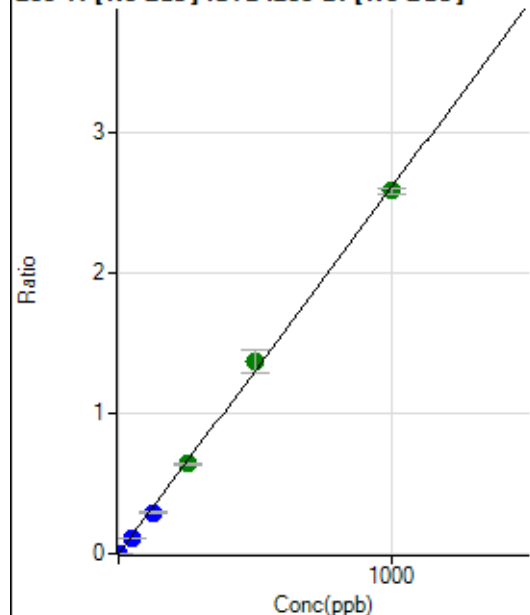
$$DL = 0.01634$$

$$BEC = 0.01451$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 208.89      | 0.0000 | P    | 8.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.889      | 10977.82    | 0.0024 | P    | 4.0  |
| 3 | <input type="checkbox"/> | 50.000   | 42.342     | 527698.26   | 0.1106 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 111.841    | 1387049.15  | 0.2919 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 245.375    | 3086992.77  | 0.6405 | A    | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 525.256    | 6059466.44  | 1.3709 | A    | 11.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.556    | 11956545.65 | 2.5853 | A    | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 4828.69     | 0.0012 | P    | 1.8  |

$$y = 0.0026 * x + 4.3846E-005$$

$$R = 0.9994$$

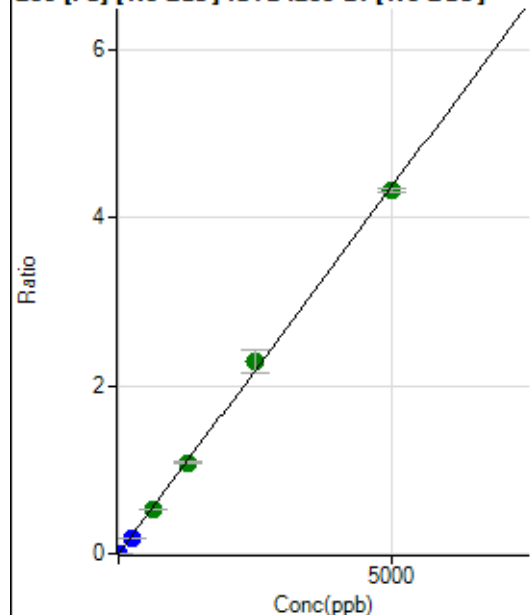
$$DL = 0.004182$$

$$BEC = 0.0168$$

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      | 241.12      | 0.0001 | P   | 11.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.872      | 3763.90     | 0.0008 | P   | 7.9  |
| 3 | <input type="checkbox"/> | 250.000  | 211.700    | 881899.72   | 0.1847 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 625.000  | 600.802    | 2490816.79  | 0.5242 | A   | 2.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1244.957   | 5235639.82  | 1.0862 | A   | 1.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2619.793   | 10099176.93 | 2.2857 | A   | 12.2 |
| 7 | <input type="checkbox"/> | 5000.000 | 4946.304   | 19956744.56 | 4.3155 | A   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 10589.77    | 0.0027 | P   | 2.5  |

$$y = 8.7245\text{E-}004 * x + 5.0538\text{E-}005$$

$$R = 0.9995$$

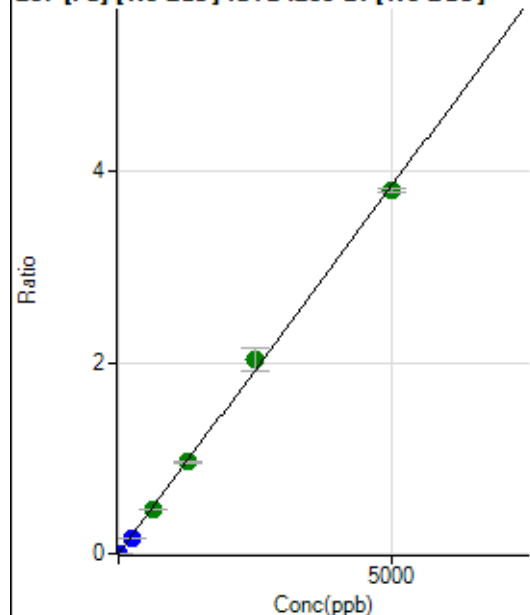
$$DL = 0.02066$$

$$BEC = 0.05793$$

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      | 217.78      | 0.0000 | P   | 9.1  |
| 2 | <input type="checkbox"/> | 1.000    | 0.916      | 3486.04     | 0.0008 | P   | 6.8  |
| 3 | <input type="checkbox"/> | 250.000  | 213.070    | 783342.72   | 0.1641 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 625.000  | 607.431    | 2222582.95  | 0.4678 | A   | 1.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1246.168   | 4625447.29  | 0.9596 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2641.113   | 8990608.48  | 2.0337 | A   | 11.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 4934.444   | 17571656.96 | 3.7996 | A   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 9296.59     | 0.0023 | P   | 2.9  |

$$y = 7.7000\text{E-}004 * x + 4.5685\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.01628$$

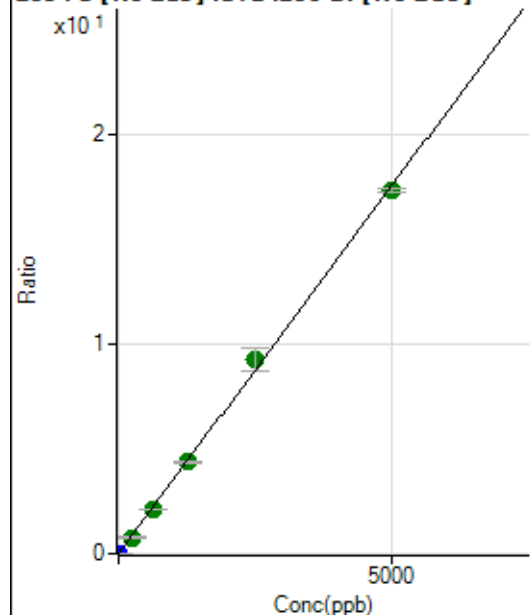
$$BEC = 0.05933$$

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      | 983.36      | 0.0002  | P        | 0.9  |
| 2 | <input type="checkbox"/> | 1.000    | 0.895      | 15538.08    | 0.0033  | P        | 6.7  |
| 3 | <input type="checkbox"/> | 250.000  | 222.074    | 3724425.16  | 0.7803  | A        | 0.8  |
| 4 | <input type="checkbox"/> | 625.000  | 604.953    | 10098256.60 | 2.1251  | A        | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1245.707   | 21092078.82 | 4.3758  | A        | 1.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2640.489   | 40994693.83 | 9.2751  | A        | 11.7 |
| 7 | <input type="checkbox"/> | 5000.000 | 4934.731   | 80162137.28 | 17.3337 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 43278.85    | 0.0109  | P        | 1.5  |

$$y = 0.0035 * x + 2.0626E-004$$

$$R = 0.9994$$

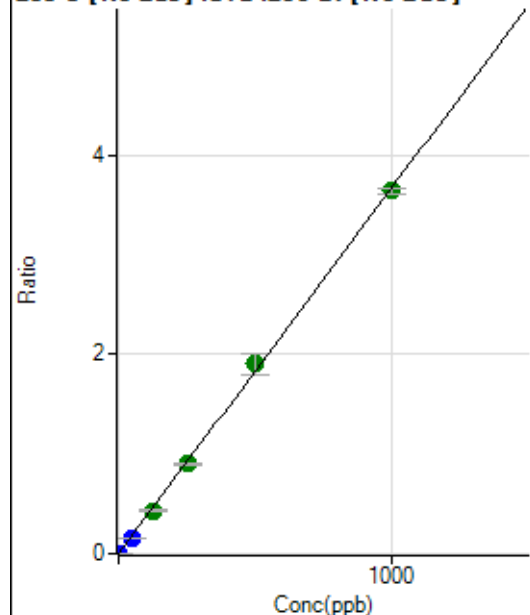
$$DL = 0.001607$$

$$BEC = 0.05872$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.33       | 0.0000 | P        | 66.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.837      | 14268.86    | 0.0031 | P        | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 40.766     | 713756.93   | 0.1495 | P        | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 117.748    | 2051926.27  | 0.4319 | A        | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 245.851    | 4346494.59  | 0.9017 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 519.306    | 8422871.40  | 1.9047 | A        | 11.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 992.753    | 16837951.00 | 3.6412 | A        | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 3083.73     | 0.0008 | P        | 7.1  |

$$y = 0.0037 * x + 2.8043E-006$$

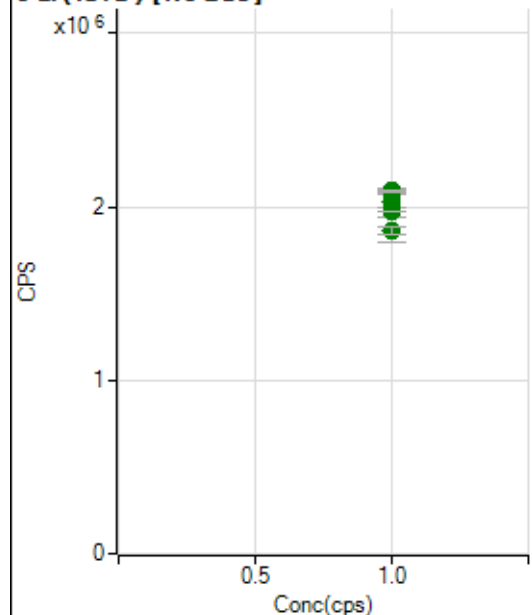
$$R = 0.9997$$

$$DL = 0.001518$$

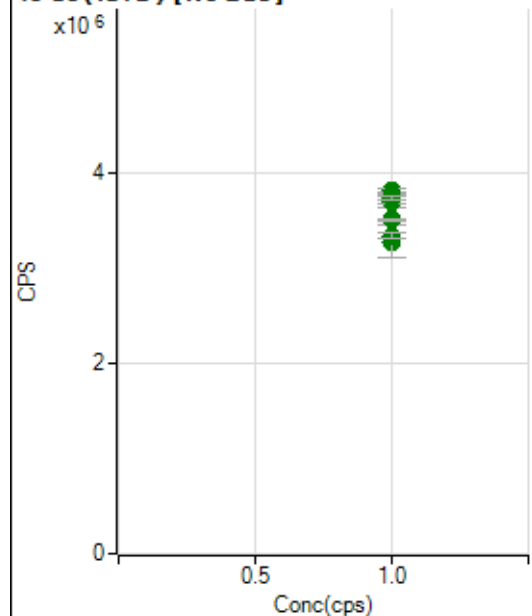
$$BEC = 0.0007646$$

Weight: &lt;None&gt;

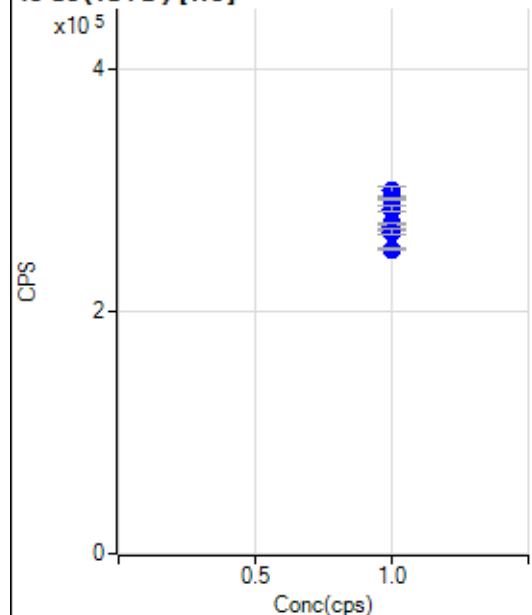
Min Conc: 0

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

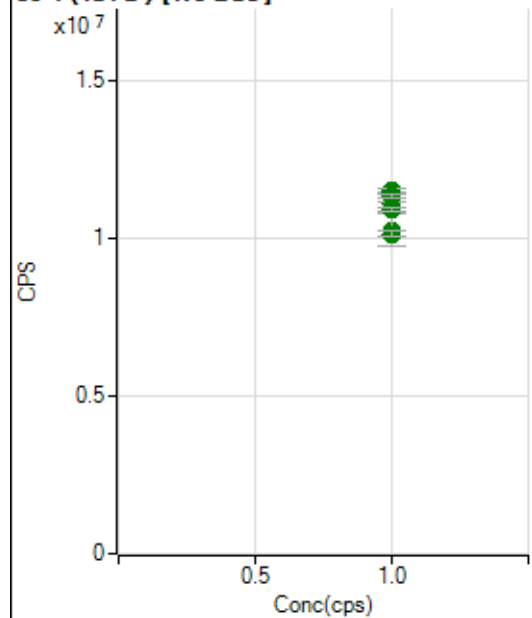
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2090747.78 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2032063.65 |       | A        | 4.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2084744.41 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2076273.15 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2090415.66 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1865657.37 |       | A        | 7.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1973165.23 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1859364.66 |       | A        | 2.1 |

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

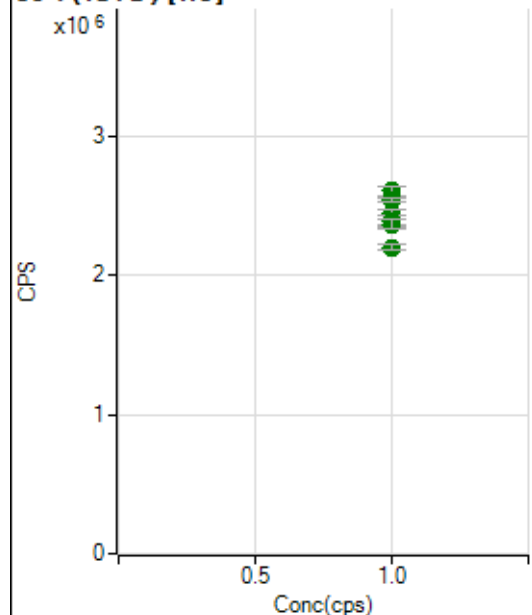
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 3817721.92 |       | A        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 3720319.84 |       | A        | 4.1  |
| 3 | <input type="checkbox"/> | 1.000 |            | 3786872.34 |       | A        | 0.4  |
| 4 | <input type="checkbox"/> | 1.000 |            | 3703049.94 |       | A        | 1.1  |
| 5 | <input type="checkbox"/> | 1.000 |            | 3739729.28 |       | A        | 0.9  |
| 6 | <input type="checkbox"/> | 1.000 |            | 3288132.83 |       | A        | 10.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3511637.38 |       | A        | 0.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3341927.87 |       | A        | 1.7  |

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

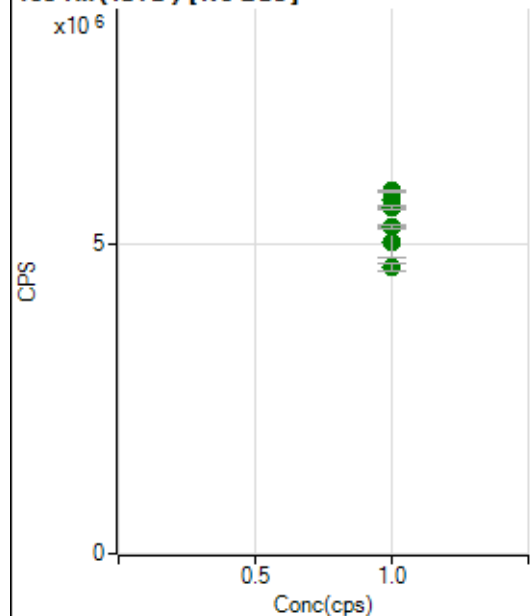
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 299859.84 |       | P        | 2.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 293058.18 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 284928.14 |       | P        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 270511.74 |       | P        | 2.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 272626.28 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 265506.20 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 265713.90 |       | P        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 251454.35 |       | P        | 0.8 |

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

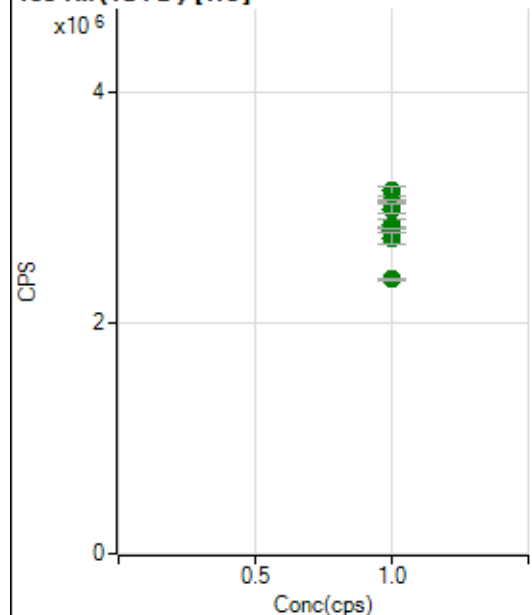
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 11511363.86 |       | A        | 1.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 11127369.90 |       | A        | 4.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 11483465.38 |       | A        | 1.5  |
| 4 | <input type="checkbox"/> | 1.000 |            | 11161093.44 |       | A        | 0.3  |
| 5 | <input type="checkbox"/> | 1.000 |            | 11355375.52 |       | A        | 1.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 10262331.58 |       | A        | 10.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10923144.28 |       | A        | 1.1  |
| 8 | <input type="checkbox"/> | 1.000 |            | 10139974.29 |       | A        | 1.9  |

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

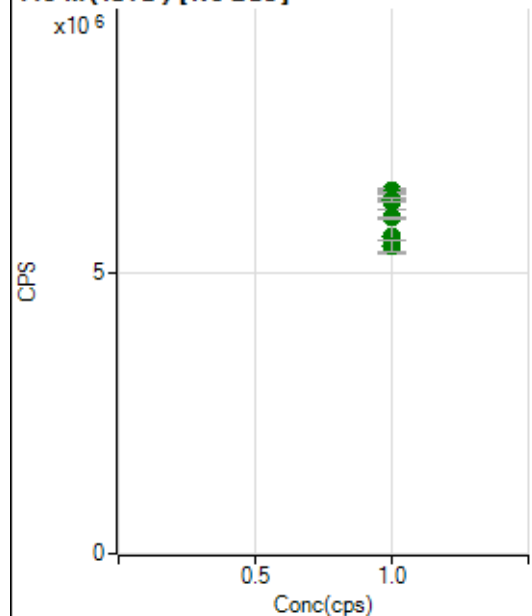
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2610200.12 |       | A        | 3.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2546904.91 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2454108.46 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2390981.72 |       | A        | 3.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2387085.52 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2388579.90 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2369772.78 |       | A        | 2.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2202720.73 |       | A        | 1.6 |

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

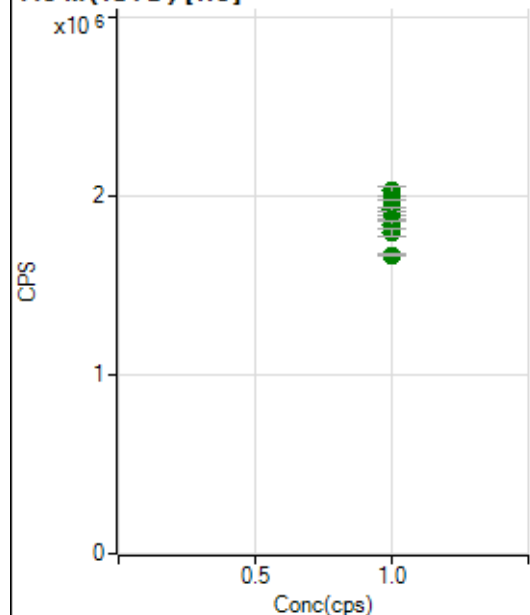
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5860948.18 |       | A        | 0.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5725916.02 |       | A        | 4.1  |
| 3 | <input type="checkbox"/> | 1.000 |            | 5861433.52 |       | A        | 0.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 5614955.54 |       | A        | 0.5  |
| 5 | <input type="checkbox"/> | 1.000 |            | 5586462.48 |       | A        | 1.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 5023776.77 |       | A        | 10.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5292887.84 |       | A        | 1.3  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4617200.56 |       | A        | 2.7  |

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

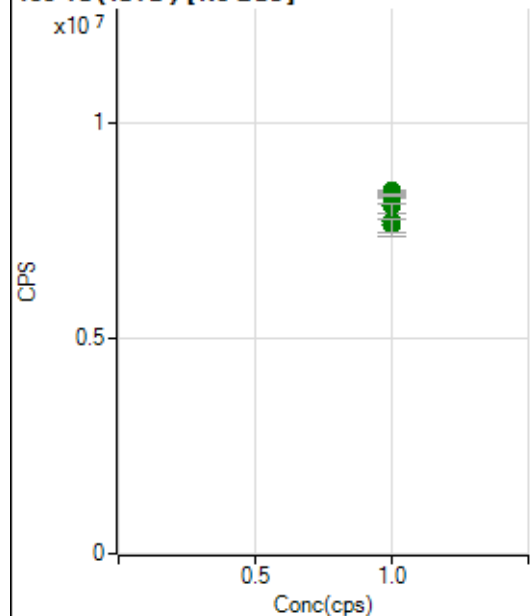
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3143596.10 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3050952.59 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2988907.66 |       | A        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2842974.20 |       | A        | 3.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2827581.45 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2795784.02 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2729083.76 |       | A        | 3.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2377386.46 |       | A        | 0.7 |

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

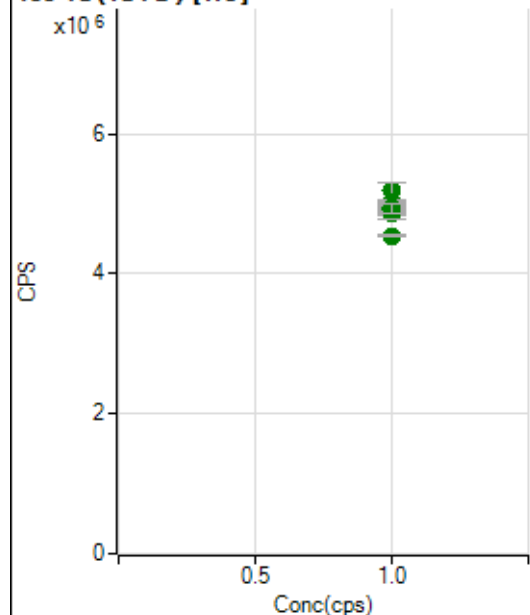
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 6479071.67 |       | A        | 1.6  |
| 2 | <input type="checkbox"/> | 1.000 |            | 6323224.22 |       | A        | 5.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 6435473.82 |       | A        | 0.1  |
| 4 | <input type="checkbox"/> | 1.000 |            | 6297706.50 |       | A        | 0.5  |
| 5 | <input type="checkbox"/> | 1.000 |            | 6322536.86 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 5659434.80 |       | A        | 11.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5994550.89 |       | A        | 0.1  |
| 8 | <input type="checkbox"/> | 1.000 |            | 5498110.84 |       | A        | 3.5  |

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

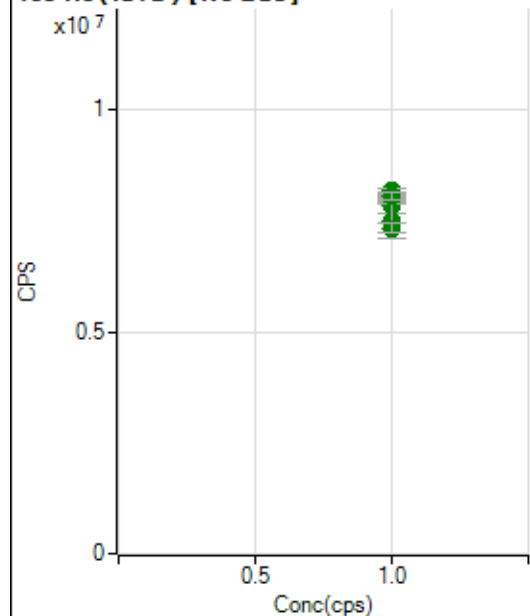
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2028355.91 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1979539.85 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1925562.08 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1856896.52 |       | A        | 4.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1868611.93 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1836101.13 |       | A        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1792759.19 |       | A        | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1671073.81 |       | A        | 0.4 |

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

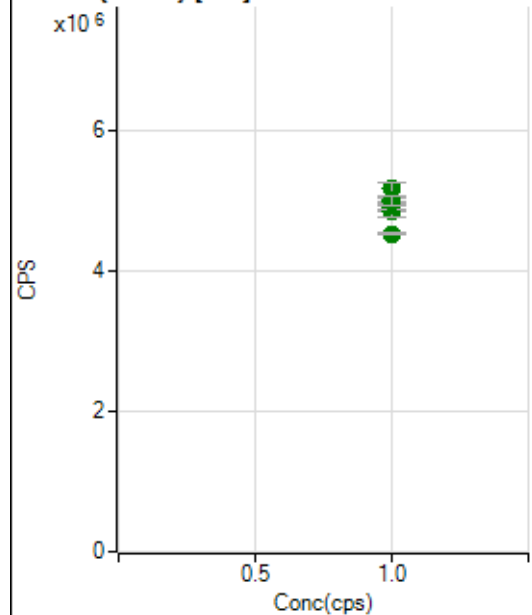
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8375699.81 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8103114.12 |       | A        | 5.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8360290.08 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8292730.43 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8426228.69 |       | A        | 0.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7740161.00 |       | A        | 9.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8340956.13 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7625896.69 |       | A        | 4.1 |

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

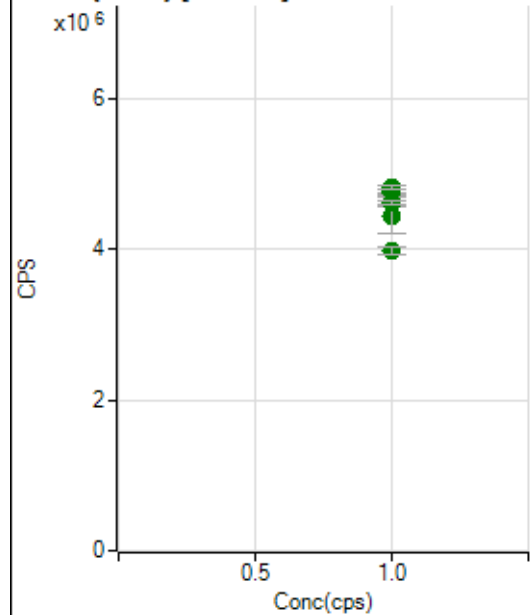
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5185249.78 |       | A        | 4.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5042056.28 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4881994.93 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4852208.33 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4912457.39 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4939790.52 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4930001.42 |       | A        | 2.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4542775.94 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 8062034.81 |       | A        | 0.6  |
| 2 | <input type="checkbox"/> | 1.000 |            | 7827833.15 |       | A        | 3.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 7946811.82 |       | A        | 0.8  |
| 4 | <input type="checkbox"/> | 1.000 |            | 8004852.24 |       | A        | 0.2  |
| 5 | <input type="checkbox"/> | 1.000 |            | 8173026.06 |       | A        | 1.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 7495698.57 |       | A        | 10.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8046797.17 |       | A        | 2.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 7337869.68 |       | A        | 2.9  |

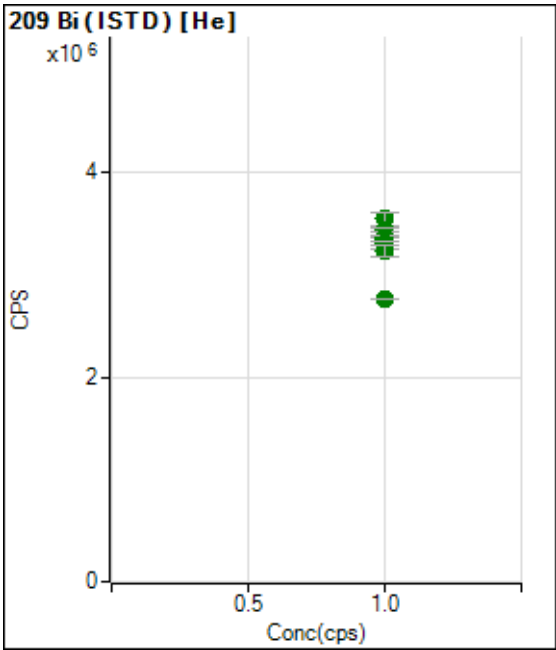
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5174435.23 |       | A        | 3.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4980157.84 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4901345.10 |       | A        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4856407.22 |       | A        | 3.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5008580.76 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4939458.33 |       | A        | 2.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5000548.92 |       | A        | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4535526.04 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4767155.00 |       | A        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4647770.45 |       | A        | 3.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 4773648.33 |       | A        | 1.1  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4752545.00 |       | A        | 2.2  |
| 5 | <input type="checkbox"/> | 1.000 |            | 4820523.95 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4456619.10 |       | A        | 10.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4624787.08 |       | A        | 1.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3979982.75 |       | A        | 2.6  |





|   | Rj<br>ct | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|----------|-------|------------|------------|-------|----------|-----|
| 1 |          | 1.000 |            | 3546690.81 |       | A        | 4.0 |
| 2 |          | 1.000 |            | 3443102.55 |       | A        | 1.1 |
| 3 |          | 1.000 |            | 3346576.51 |       | A        | 0.6 |
| 4 |          | 1.000 |            | 3288774.64 |       | A        | 2.6 |
| 5 |          | 1.000 |            | 3356767.45 |       | A        | 1.5 |
| 6 |          | 1.000 |            | 3311494.40 |       | A        | 1.1 |
| 7 |          | 1.000 |            | 3232596.09 |       | A        | 3.0 |
| 8 |          | 1.000 |            | 2764742.35 |       | A        | 0.4 |