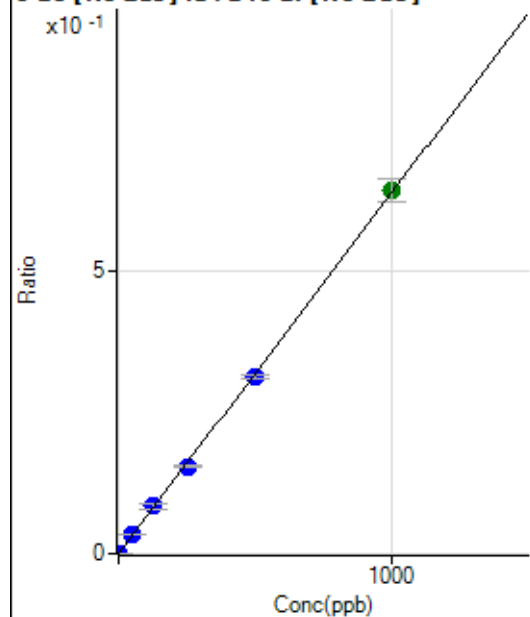


# Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072623 MS.b\  
 Analysis File: P8072623 MS.batch.bin  
 DA Date-Time: 2023-07-27 11:05:54  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2023-07-26 11:33:25 |
| 2     | 006CALS.d          | S02         | 2023-07-26 11:39:38 |
| 3     | 007CALS.d          | S03         | 2023-07-26 11:42:43 |
| 4     | 008CALS.d          | S04         | 2023-07-26 11:45:47 |
| 5     | 009CALS.d          | S05         | 2023-07-26 11:48:46 |
| 6     | 011CALS.d          | S06         | 2023-07-26 11:54:44 |
| 7     | 012CALS.d          | S07         | 2023-07-26 11:57:46 |
| 8     | 013CALS.d          | S08         | 2023-07-26 12:00:44 |

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 34.58      | 0.0000 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.019      | 1230.73    | 0.0007 | P    | 6.4  |
| 3 | <input type="checkbox"/> | 50.000   | 51.696     | 59658.05   | 0.0330 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 130.761    | 147018.83  | 0.0836 | P    | 9.3  |
| 5 | <input type="checkbox"/> | 250.000  | 240.922    | 286611.15  | 0.1539 | P    | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 489.848    | 563937.88  | 0.3130 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.541   | 1108094.87 | 0.6431 | A    | 6.3  |
| 8 | <input type="checkbox"/> |          |            | 117.07     | 0.0001 | P    | 9.3  |

$$y = 6.3890E-004 * x + 1.9061E-005$$

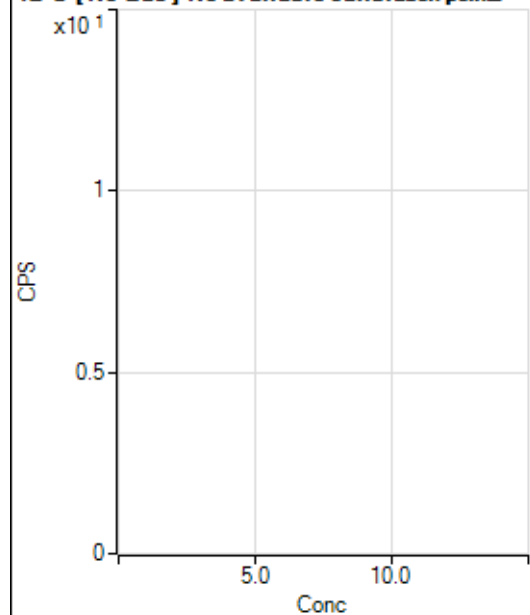
$$R = 0.9998$$

$$DL = 0.01217$$

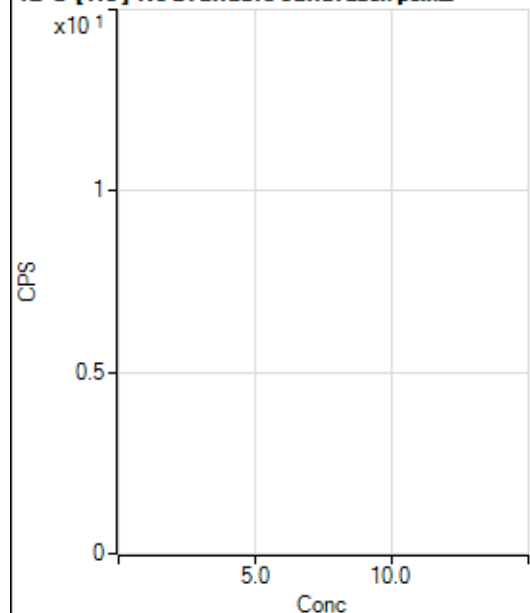
$$BEC = 0.02983$$

Weight: &lt;None&gt;

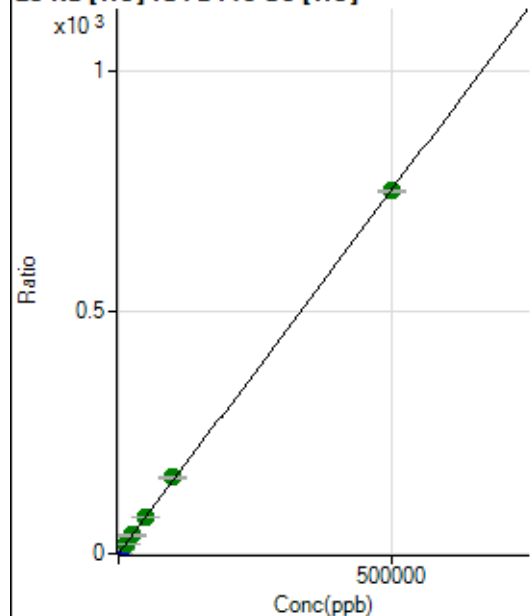
Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 2470911.86 |       | A    | 0.2 |
| 2 | <input type="checkbox"/> |       |            | 2521268.48 |       | A    | 1.3 |
| 3 | <input type="checkbox"/> |       |            | 2324920.54 |       | A    | 2.5 |
| 4 | <input type="checkbox"/> |       |            | 2205644.86 |       | A    | 1.5 |
| 5 | <input type="checkbox"/> |       |            | 2222656.36 |       | A    | 1.3 |
| 6 | <input type="checkbox"/> |       |            | 2348119.50 |       | A    | 2.2 |
| 7 | <input type="checkbox"/> |       |            | 2320807.30 |       | A    | 1.0 |
| 8 | <input type="checkbox"/> |       |            | 2265705.71 |       | A    | 3.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 32561.62 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> |       |            | 36078.31 |       | P        | 3.0 |
| 3 | <input type="checkbox"/> |       |            | 31467.68 |       | P        | 2.7 |
| 4 | <input type="checkbox"/> |       |            | 30373.68 |       | P        | 2.2 |
| 5 | <input type="checkbox"/> |       |            | 31075.14 |       | P        | 1.5 |
| 6 | <input type="checkbox"/> |       |            | 33104.65 |       | P        | 1.7 |
| 7 | <input type="checkbox"/> |       |            | 32519.96 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> |       |            | 35794.22 |       | P        | 1.7 |

**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      | 21950.34    | 0.1799   | P        | 2.7 |
| 2 | <input type="checkbox"/> | 500.000   | 465.690    | 109375.12   | 0.8810   | P        | 2.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5330.847   | 1000793.38  | 8.2058   | P        | 1.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 12906.739  | 2365955.15  | 19.6119  | A        | 0.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 25175.794  | 4584843.55  | 38.0839  | A        | 2.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 50728.903  | 8938841.87  | 76.5559  | A        | 1.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 104440.03  | 17823429.74 | 157.4220 | A        | 1.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 499016.87  | 87138509.59 | 751.4862 | A        | 0.5 |

$$y = 0.0015 * x + 0.1799$$

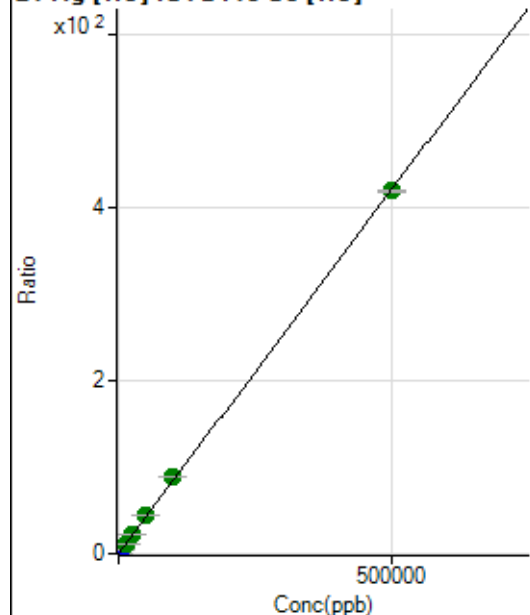
$$R = 1.0000$$

$$DL = 9.8$$

$$BEC = 119.5$$

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      | 119.45      | 0.0010   | P        | 26.4 |
| 2 | <input type="checkbox"/> | 500.000   | 471.910    | 49470.83    | 0.3985   | P        | 0.1  |
| 3 | <input type="checkbox"/> | 5000.000  | 5401.224   | 554994.94   | 4.5504   | P        | 0.5  |
| 4 | <input type="checkbox"/> | 12500.000 | 13044.869  | 1325498.44  | 10.9885  | A        | 2.2  |
| 5 | <input type="checkbox"/> | 25000.000 | 25952.950  | 2632080.42  | 21.8608  | A        | 1.0  |
| 6 | <input type="checkbox"/> | 50000.000 | 51813.967  | 5095914.44  | 43.6431  | A        | 1.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 105776.37  | 10086707.43 | 89.0949  | A        | 2.3  |
| 8 | <input type="checkbox"/> | 500000.00 | 498598.07  | 48696316.02 | 419.9630 | A        | 0.4  |

$$y = 8.4229\text{E-}004 * x + 9.7848\text{E-}004$$

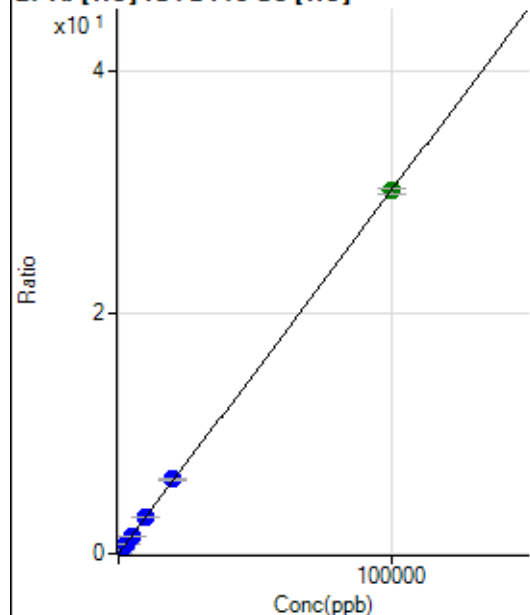
$$R = 0.9999$$

$$DL = 0.9202$$

$$BEC = 1.162$$

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      | 72.49      | 0.0006  | P        | 15.0 |
| 2 | <input type="checkbox"/> | 20.000    | 19.557     | 804.93     | 0.0065  | P        | 4.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 1288.481   | 47386.90   | 0.3885  | P        | 1.3  |
| 4 | <input type="checkbox"/> | 2500.000  | 2513.293   | 91360.22   | 0.7573  | P        | 0.8  |
| 5 | <input type="checkbox"/> | 5000.000  | 4915.548   | 178264.98  | 1.4806  | P        | 0.9  |
| 6 | <input type="checkbox"/> | 10000.000 | 10070.002  | 354078.38  | 3.0326  | P        | 1.9  |
| 7 | <input type="checkbox"/> | 20000.000 | 20491.108  | 698530.13  | 6.1703  | P        | 2.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 99895.784  | 3487756.41 | 30.0783 | A        | 1.4  |

$$y = 3.0109\text{E-}004 * x + 5.9444\text{E-}004$$

$$R = 1.0000$$

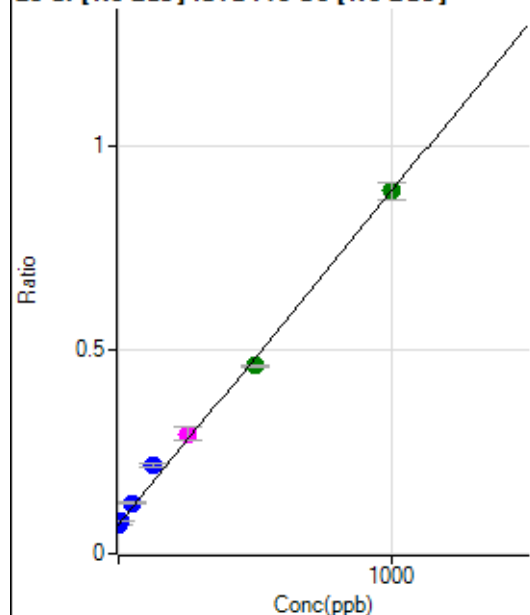
$$DL = 0.8881$$

$$BEC = 1.974$$

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      | 227928.86  | 0.0720 | P        | 1.1  |
| 2 | <input type="checkbox"/> | 10.000   | 11.030     | 255454.26  | 0.0810 | P        | 1.7  |
| 3 | <input type="checkbox"/> | 50.000   | 64.236     | 403327.02  | 0.1245 | P        | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 176.295    | 654938.78  | 0.2161 | P        | 5.7  |
| 5 | <input type="checkbox"/> | 250.000  | 270.671    | 923957.94  | 0.2932 | M        | 11.2 |
| 6 | <input type="checkbox"/> | 500.000  | 474.706    | 1446349.91 | 0.4599 | A        | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.345   | 2617738.45 | 0.8895 | A        | 4.5  |
| 8 | <input type="checkbox"/> |          |            | 476161.69  | 0.1686 | P        | 5.1  |

$$y = 8.1729\text{E-}004 * x + 0.0720$$

$$R = 0.9981$$

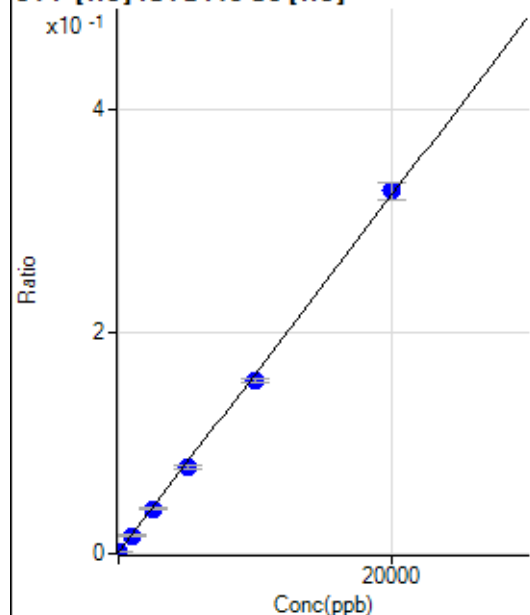
$$DL = 3.001$$

$$BEC = 88.06$$

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     | -12.703    | 125.00   | 0.0010 | P        | 17.7 |
| 2 | <input type="checkbox"/> | 0.000     | 12.703     | 177.78   | 0.0014 | P        | 11.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 930.160    | 1972.41  | 0.0162 | P        | 13.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2431.948   | 4864.84  | 0.0403 | P        | 2.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 4734.102   | 9311.57  | 0.0773 | P        | 5.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 9661.312   | 18281.38 | 0.1566 | P        | 2.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 20247.817  | 36989.37 | 0.3268 | P        | 4.6  |
| 8 | <input type="checkbox"/> |           |            | 102.78   | 0.0009 | P        | 38.7 |

$$y = 1.6079\text{E-}005 * x + 0.0012$$

$$R = 0.9997$$

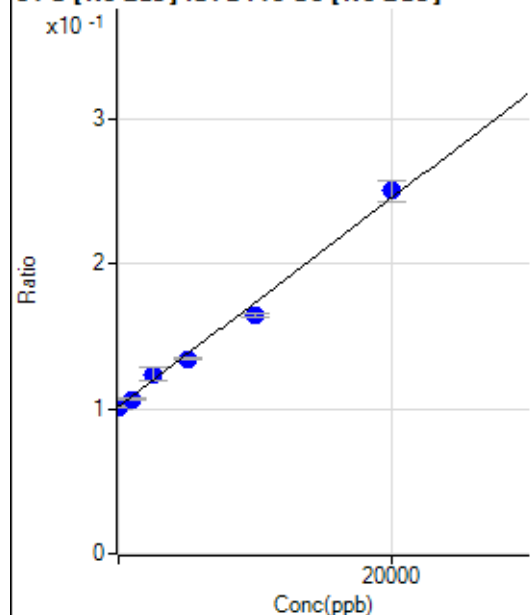
$$DL = 32.19$$

$$BEC = 76.39$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -64.370    | 319967.45 | 0.1010 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 0.000     | 64.370     | 321648.89 | 0.1020 | P    | 1.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 705.246    | 345339.05 | 0.1066 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 3084.054   | 374593.70 | 0.1237 | P    | 7.5 |
| 5 | <input type="checkbox"/> | 5000.000  | 4572.596   | 423712.07 | 0.1344 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 10000.000 | 8761.281   | 517297.80 | 0.1645 | P    | 1.6 |
| 7 | <input type="checkbox"/> | 20000.000 | 20667.942  | 735911.87 | 0.2502 | P    | 5.7 |
| 8 | <input type="checkbox"/> |           |            | 288208.22 | 0.1022 | P    | 4.2 |

$$y = 7.1938\text{E-}006 * x + 0.1015$$

$$R = 0.9962$$

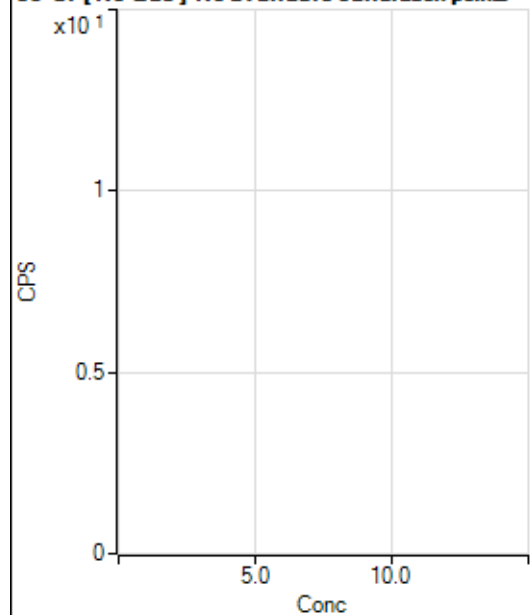
$$DL = 656.5$$

$$BEC = 1.411\text{E}+04$$

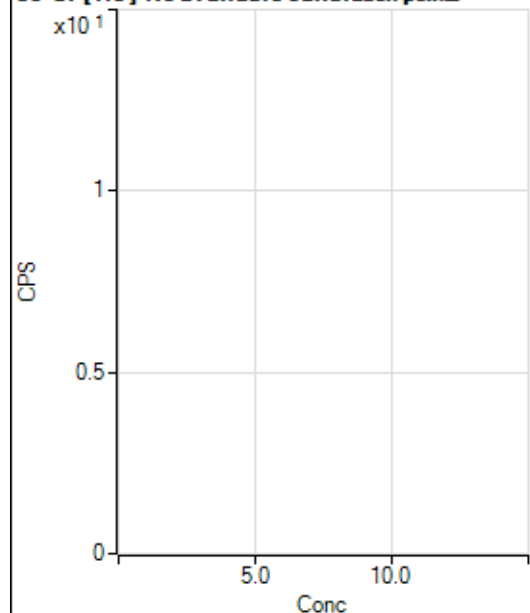
Weight: &lt;None&gt;

Min Conc: 0

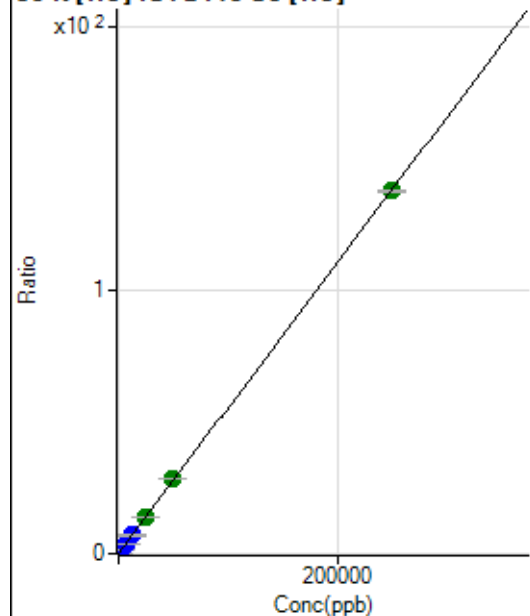
35 Cl [No Gas] No available calibration points



|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 96666.71  |       | P    | 1.8 |
| 2 | <input type="checkbox"/> |       |            | 94206.04  |       | P    | 0.6 |
| 3 | <input type="checkbox"/> |       |            | 105189.20 |       | P    | 1.1 |
| 4 | <input type="checkbox"/> |       |            | 102508.87 |       | P    | 0.6 |
| 5 | <input type="checkbox"/> |       |            | 102648.90 |       | P    | 0.3 |
| 6 | <input type="checkbox"/> |       |            | 100665.32 |       | P    | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 105564.71 |       | P    | 2.0 |
| 8 | <input type="checkbox"/> |       |            | 112975.37 |       | P    | 2.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 744.48  |       | P        | 3.6  |
| 2 | <input type="checkbox"/> |       |            | 688.93  |       | P        | 10.6 |
| 3 | <input type="checkbox"/> |       |            | 969.50  |       | P        | 7.0  |
| 4 | <input type="checkbox"/> |       |            | 808.38  |       | P        | 3.6  |
| 5 | <input type="checkbox"/> |       |            | 816.71  |       | P        | 12.4 |
| 6 | <input type="checkbox"/> |       |            | 752.82  |       | P        | 11.3 |
| 7 | <input type="checkbox"/> |       |            | 780.59  |       | P        | 10.1 |
| 8 | <input type="checkbox"/> |       |            | 1027.84 |       | P        | 2.3  |

**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      | 11721.73    | 0.0960   | P        | 3.0 |
| 2 | <input type="checkbox"/> | 500.000   | 450.525    | 42747.40    | 0.3443   | P        | 2.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2565.520   | 184140.83   | 1.5096   | P        | 1.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6300.206   | 430353.19   | 3.5673   | P        | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12419.294  | 835435.97   | 6.9388   | P        | 0.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 25408.672  | 1645843.56  | 14.0957  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 51427.713  | 3219253.11  | 28.4317  | A        | 1.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249675.81  | 15962037.16 | 137.6625 | A        | 0.8 |

$$y = 5.5098\text{E-}004 * x + 0.0960$$

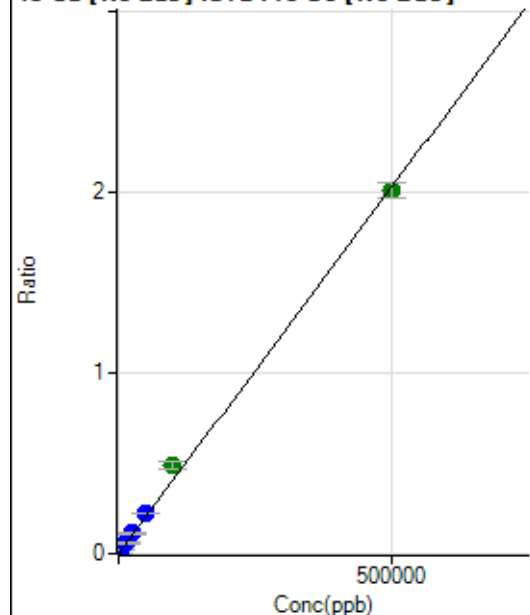
$$R = 1.0000$$

$$DL = 15.73$$

$$BEC = 174.3$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 208.31     | 0.0001 | P        | 12.1 |
| 2 | <input type="checkbox"/> | 500.000   | 447.541    | 5918.41    | 0.0019 | P        | 2.2  |
| 3 | <input type="checkbox"/> | 5000.000  | 5537.917   | 72808.30   | 0.0225 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 12500.000 | 14633.680  | 179461.59  | 0.0593 | P        | 7.9  |
| 5 | <input type="checkbox"/> | 25000.000 | 27642.851  | 352774.30  | 0.1119 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 50000.000 | 54663.031  | 695562.61  | 0.2212 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 100000.00 | 120487.39  | 1433258.26 | 0.4875 | A        | 7.1  |
| 8 | <input type="checkbox"/> | 500000.00 | 495245.40  | 5652277.07 | 2.0036 | A        | 4.1  |

$$y = 4.0456E-006 * x + 6.5786E-005$$

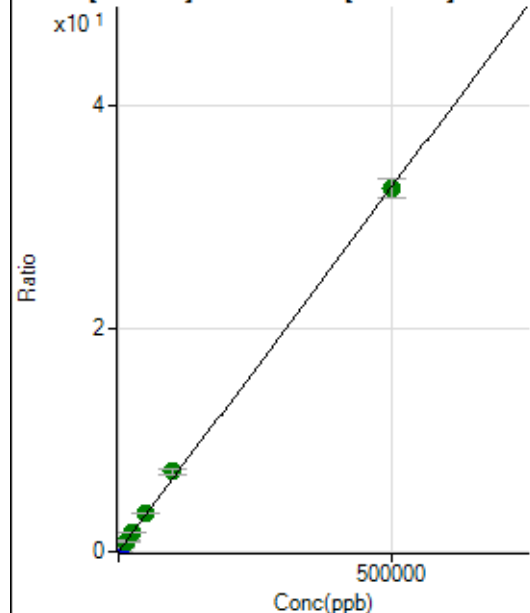
$$R = 0.9991$$

$$DL = 5.905$$

$$BEC = 16.26$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 55301.36    | 0.0175  | P        | 2.2 |
| 2 | <input type="checkbox"/> | 500.000   | 435.023    | 144810.47   | 0.0459  | P        | 1.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5297.004   | 1178855.50  | 0.3638  | P        | 1.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 14037.970  | 2831166.99  | 0.9353  | A        | 8.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 26009.256  | 5415891.72  | 1.7180  | A        | 1.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 52306.921  | 10808100.78 | 3.4374  | A        | 1.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 109514.31  | 21106752.31 | 7.1777  | A        | 6.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 497774.62  | 91819921.82 | 32.5629 | A        | 5.2 |

$$y = 6.5382E-005 * x + 0.0175$$

$$R = 0.9998$$

$$DL = 17.35$$

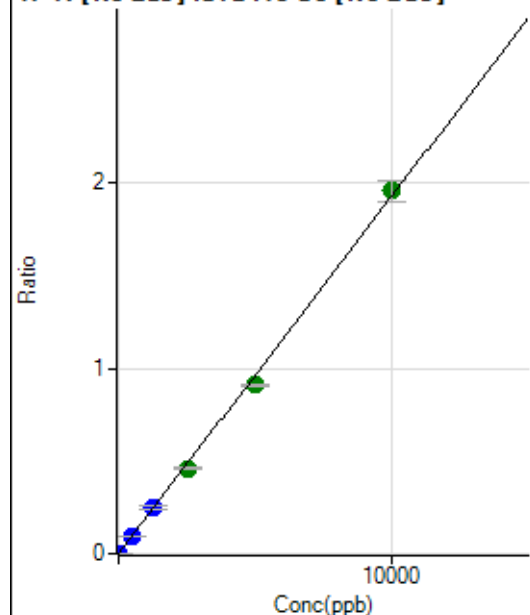
$$BEC = 267.1$$

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      | 102.78     | 0.0000 | P        | 10.6 |
| 2 | <input type="checkbox"/> | 5.000     | 4.611      | 2908.71    | 0.0009 | P        | 7.3  |
| 3 | <input type="checkbox"/> | 500.000   | 484.656    | 303142.40  | 0.0935 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1293.088   | 755274.94  | 0.2495 | P        | 8.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2393.911   | 1456385.68 | 0.4619 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4727.214   | 2868139.58 | 0.9122 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10158.297  | 5764765.97 | 1.9601 | A        | 6.1  |
| 8 | <input type="checkbox"/> |           |            | 1170.58    | 0.0004 | P        | 94.4 |

$$y = 1.9296\text{E-}004 * x + 3.2482\text{E-}005$$

$$R = 0.9994$$

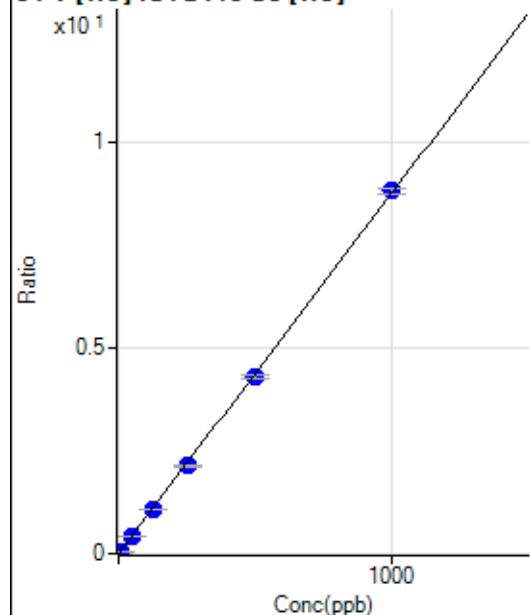
$$DL = 0.05343$$

$$BEC = 0.1683$$

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      | 17.78     | 0.0001 | P        | 22.4  |
| 2 | <input type="checkbox"/> | 5.000    | 4.437      | 4837.53   | 0.0390 | P        | 4.4   |
| 3 | <input type="checkbox"/> | 50.000   | 49.960     | 53330.08  | 0.4372 | P        | 0.4   |
| 4 | <input type="checkbox"/> | 125.000  | 121.215    | 127951.16 | 1.0606 | P        | 1.0   |
| 5 | <input type="checkbox"/> | 250.000  | 243.034    | 256013.13 | 2.1264 | P        | 1.4   |
| 6 | <input type="checkbox"/> | 500.000  | 490.598    | 501163.16 | 4.2923 | P        | 2.0   |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.920   | 997452.43 | 8.8095 | P        | 1.5   |
| 8 | <input type="checkbox"/> |          |            | 795.35    | 0.0069 | P        | 113.4 |

$$y = 0.0087 * x + 1.4583\text{E-}004$$

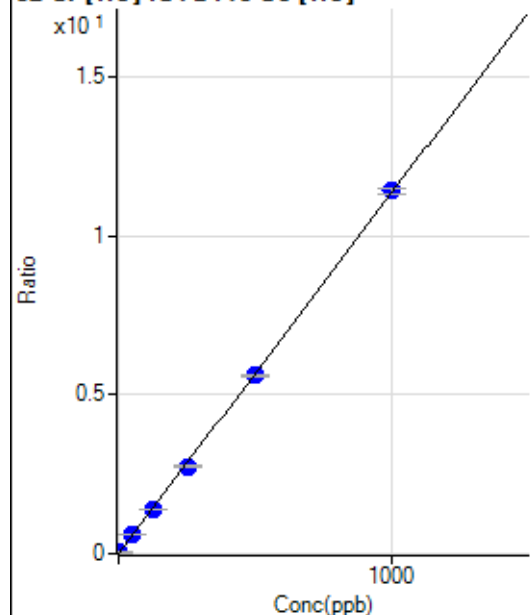
$$R = 0.9999$$

$$DL = 0.01122$$

$$BEC = 0.01667$$

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      | 963.38     | 0.0079  | P   | 6.7  |
| 2 | <input type="checkbox"/> | 2.000    | 1.993      | 3788.32    | 0.0305  | P   | 2.2  |
| 3 | <input type="checkbox"/> | 50.000   | 50.435     | 70793.95   | 0.5804  | P   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 123.514    | 170101.35  | 1.4100  | P   | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 241.443    | 330979.89  | 2.7488  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 493.309    | 654810.95  | 5.6080  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.649   | 1293485.93 | 11.4242 | P   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 8913.20    | 0.0769  | P   | 15.5 |

$$y = 0.0114 * x + 0.0079$$

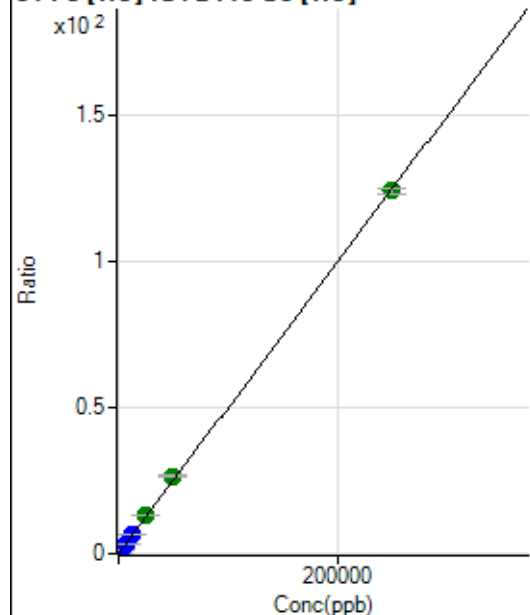
$$R = 0.9999$$

$$DL = 0.1391$$

$$BEC = 0.6955$$

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      | 542.61      | 0.0044   | P   | 6.5 |
| 2 | <input type="checkbox"/> | 50.000    | 49.482     | 3609.77     | 0.0291   | P   | 3.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2662.459   | 162164.84   | 1.3296   | P   | 0.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6432.922   | 386784.64   | 3.2062   | P   | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12758.744  | 765141.00   | 6.3547   | P   | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26387.090  | 1534006.25  | 13.1377  | A   | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 53084.546  | 2991861.06  | 26.4255  | A   | 1.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 249225.24  | 14383196.73 | 124.0480 | A   | 1.3 |

$$y = 4.9772E-004 * x + 0.0044$$

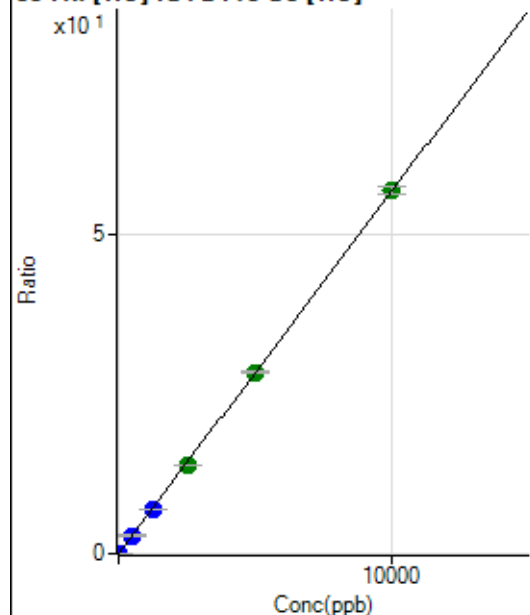
$$R = 0.9999$$

$$DL = 1.729$$

$$BEC = 8.928$$

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      | 220.00     | 0.0018  | P        | 6.7  |
| 2 | <input type="checkbox"/> | 1.000     | 1.014      | 937.82     | 0.0076  | P        | 4.9  |
| 3 | <input type="checkbox"/> | 500.000   | 502.554    | 347840.04  | 2.8519  | P        | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1220.830   | 835451.99  | 6.9254  | P        | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2447.949   | 1671823.88 | 13.8846 | A        | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 4997.401   | 3309397.62 | 28.3431 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10017.831  | 6432585.95 | 56.8149 | A        | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 8062.07    | 0.0696  | P        | 65.5 |

$$y = 0.0057 * x + 0.0018$$

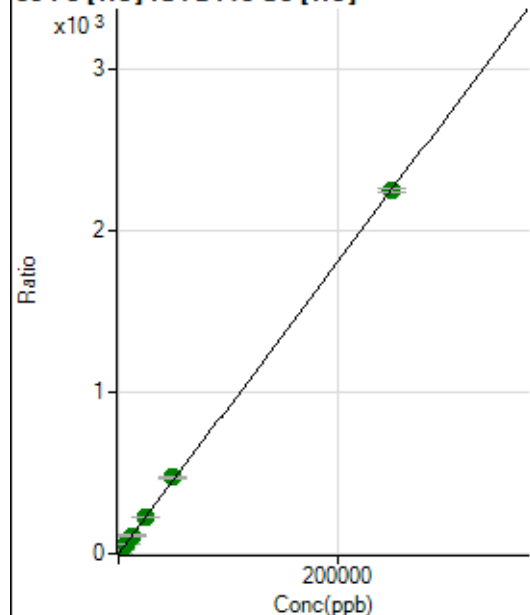
$$R = 1.0000$$

$$DL = 0.0641$$

$$BEC = 0.3179$$

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      | 4337.77     | 0.0355    | P        | 4.3 |
| 2 | <input type="checkbox"/> | 50.000    | 48.077     | 58122.04    | 0.4681    | P        | 0.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2665.537   | 2929589.01  | 24.0197   | A        | 0.9 |
| 4 | <input type="checkbox"/> | 6250.000  | 6384.006   | 6933997.55  | 57.4780   | A        | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12533.669  | 13581761.99 | 112.8118  | A        | 2.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25638.924  | 26941915.88 | 230.7311  | A        | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 52429.832  | 53419115.55 | 471.7920  | A        | 1.0 |
| 8 | <input type="checkbox"/> | 250000.00 | 249443.45  | 260245620.6 | 2,244.493 | A        | 1.0 |

$$y = 0.0090 * x + 0.0355$$

$$R = 0.9999$$

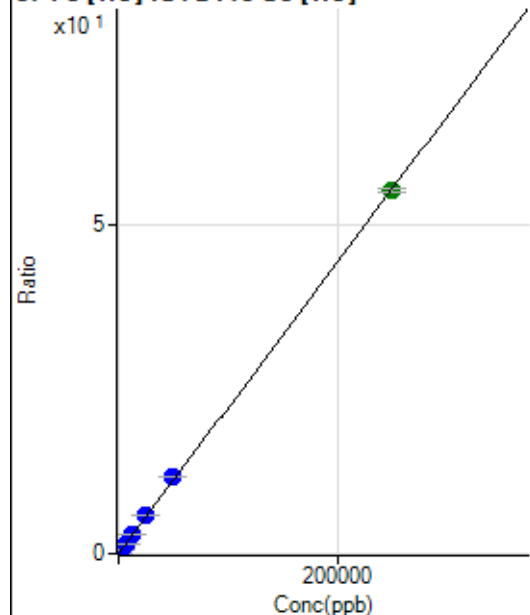
$$DL = 0.5042$$

$$BEC = 3.951$$

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      | 135.19     | 0.0011  | P   | 21.0 |
| 2 | <input type="checkbox"/> | 50.000    | 54.137     | 1626.05    | 0.0131  | P   | 6.6  |
| 3 | <input type="checkbox"/> | 2500.000  | 2677.958   | 72448.18   | 0.5940  | P   | 1.8  |
| 4 | <input type="checkbox"/> | 6250.000  | 6454.185   | 172524.02  | 1.4302  | P   | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 12738.436  | 339712.04  | 2.8216  | P   | 1.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 26015.257  | 672720.00  | 5.7613  | P   | 0.1  |
| 7 | <input type="checkbox"/> | 50000.000 | 52832.504  | 1324637.08 | 11.6990 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 250000.00 | 249313.16  | 6401019.30 | 55.2028 | A   | 1.0  |

$$y = 2.2141\text{E-}004 * x + 0.0011$$

R = 0.9999

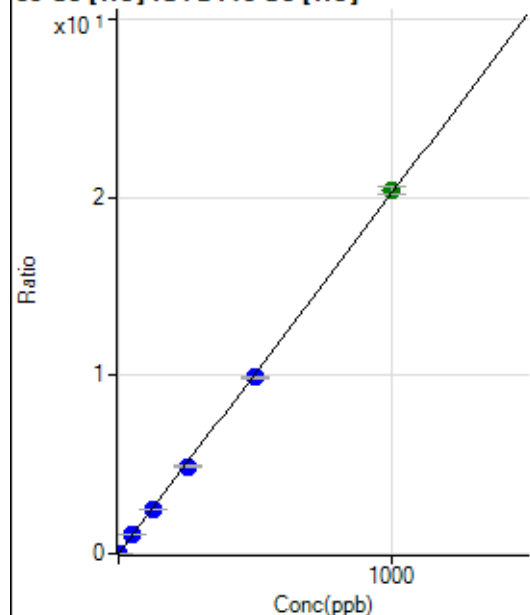
DL = 3.149

BEC = 5.006

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      | 177.78     | 0.0015  | P   | 14.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.900      | 2436.90    | 0.0196  | P   | 3.0  |
| 3 | <input type="checkbox"/> | 50.000   | 50.984     | 125792.67  | 1.0313  | P   | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 123.852    | 301981.74  | 2.5033  | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 242.660    | 590387.52  | 4.9032  | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 489.327    | 1154334.70 | 9.8859  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.266   | 2303716.20 | 20.3483 | A   | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 6152.84    | 0.0531  | P   | 22.2 |

$$y = 0.0202 * x + 0.0015$$

R = 0.9999

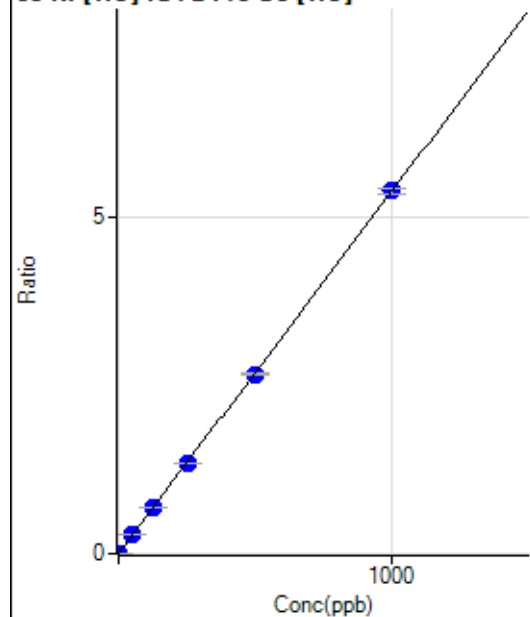
DL = 0.03181

BEC = 0.07217

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45    | 0.0012 | P   | 12.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.029      | 834.48    | 0.0067 | P   | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.620     | 34678.90  | 0.2843 | P   | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 126.031    | 81945.43  | 0.6793 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 250.000  | 247.807    | 160690.16 | 1.3346 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 496.407    | 312000.08 | 2.6722 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.085   | 610586.80 | 5.3931 | P   | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 3374.94   | 0.0291 | P   | 7.7  |

$$y = 0.0054 * x + 0.0012$$

$$R = 1.0000$$

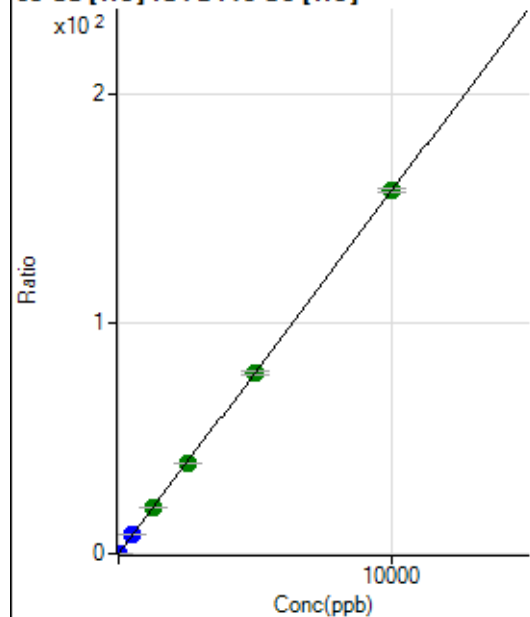
$$DL = 0.0791$$

$$BEC = 0.2198$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 637.80      | 0.0052   | P   | 6.0  |
| 2 | <input type="checkbox"/> | 2.000     | 1.923      | 4414.07     | 0.0356   | P   | 2.8  |
| 3 | <input type="checkbox"/> | 500.000   | 524.652    | 1009900.65  | 8.2796   | P   | 0.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1275.162   | 2426495.78  | 20.1161  | A   | 2.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2499.915   | 4747776.49  | 39.4320  | A   | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4984.930   | 9180029.93  | 78.6238  | A   | 1.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 10003.178  | 17863628.35 | 157.7679 | A   | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 12202.68    | 0.1053   | P   | 49.8 |

$$y = 0.0158 * x + 0.0052$$

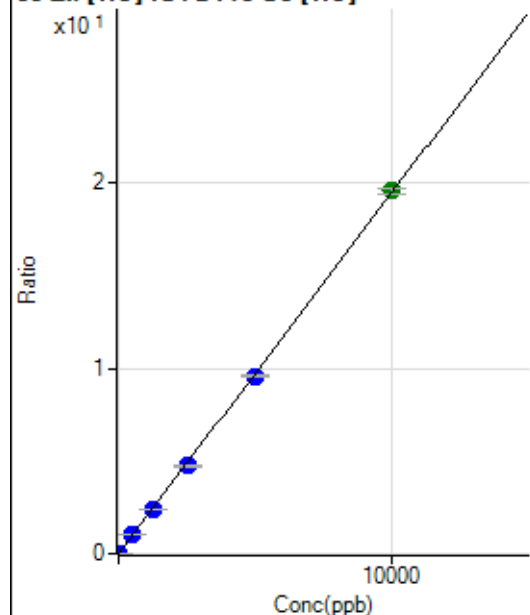
$$R = 1.0000$$

$$DL = 0.06009$$

$$BEC = 0.3313$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 110.00     | 0.0009  | P        | 0.9  |
| 2 | <input type="checkbox"/> | 2.000     | 2.233      | 651.14     | 0.0052  | P        | 11.0 |
| 3 | <input type="checkbox"/> | 500.000   | 516.453    | 122621.94  | 1.0053  | P        | 0.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1244.308   | 292047.06  | 2.4209  | P        | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2428.786   | 568866.40  | 4.7246  | P        | 0.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4922.114   | 1117835.79 | 9.5739  | P        | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10056.635  | 2214604.46 | 19.5599 | A        | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 5839.30    | 0.0504  | P        | 7.1  |

$$y = 0.0019 * x + 9.0123E-004$$

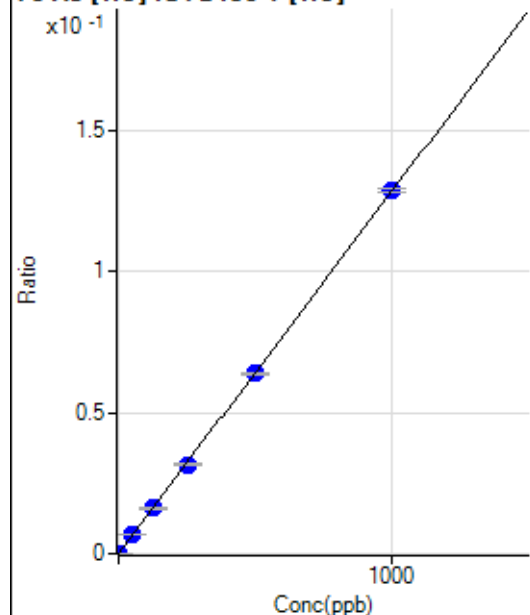
$$R = 0.9999$$

$$DL = 0.01309$$

$$BEC = 0.4634$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4.33      | 0.0000 | P        | 72.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.863      | 119.01    | 0.0001 | P        | 6.4  |
| 3 | <input type="checkbox"/> | 50.000   | 50.724     | 6484.14   | 0.0065 | P        | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 124.956    | 15823.08  | 0.0160 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 246.332    | 30991.90  | 0.0316 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 497.018    | 61295.36  | 0.0638 | P        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.378   | 120078.76 | 0.1287 | P        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 59.34     | 0.0001 | P        | 42.5 |

$$y = 1.2841E-004 * x + 4.3929E-006$$

$$R = 1.0000$$

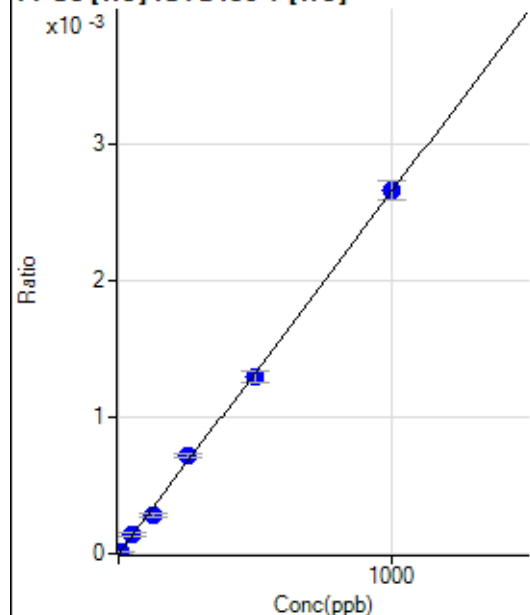
$$DL = 0.07485$$

$$BEC = 0.03421$$

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      | 1.11    | 0.0000 | P   | 173.2 |
| 2 | <input type="checkbox"/> | 5.000    | 3.618      | 11.11   | 0.0000 | P   | 44.3  |
| 3 | <input type="checkbox"/> | 50.000   | 54.057     | 143.34  | 0.0001 | P   | 15.7  |
| 4 | <input type="checkbox"/> | 125.000  | 107.373    | 281.12  | 0.0003 | P   | 11.8  |
| 5 | <input type="checkbox"/> | 250.000  | 269.906    | 700.03  | 0.0007 | P   | 3.8   |
| 6 | <input type="checkbox"/> | 500.000  | 488.121    | 1240.07 | 0.0013 | P   | 6.2   |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.971   | 2474.69 | 0.0027 | P   | 5.5   |
| 8 | <input type="checkbox"/> |          |            | 22.22   | 0.0000 | P   | 37.7  |

$$y = 2.6432E-006 * x + 1.1478E-006$$

$$R = 0.9995$$

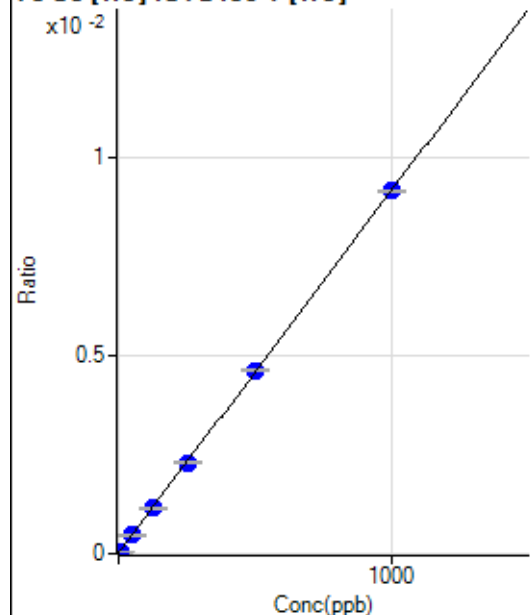
$$DL = 2.256$$

$$BEC = 0.4342$$

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      | 18.67   | 0.0000 | P   | 30.8 |
| 2 | <input type="checkbox"/> | 5.000    | 3.976      | 57.34   | 0.0001 | P   | 14.1 |
| 3 | <input type="checkbox"/> | 50.000   | 49.445     | 470.06  | 0.0005 | P   | 5.6  |
| 4 | <input type="checkbox"/> | 125.000  | 124.138    | 1140.83 | 0.0012 | P   | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 249.108    | 2256.08 | 0.0023 | P   | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 502.530    | 4443.49 | 0.0046 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.099    | 8563.47 | 0.0092 | P   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 57.34   | 0.0001 | P   | 20.3 |

$$y = 9.1688E-006 * x + 1.9063E-005$$

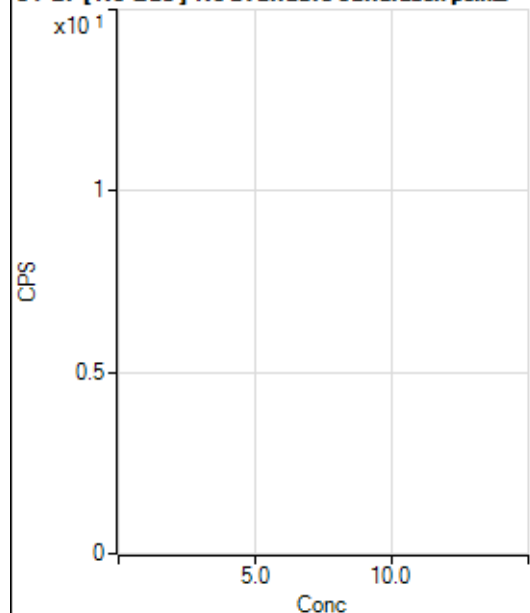
$$R = 1.0000$$

$$DL = 1.919$$

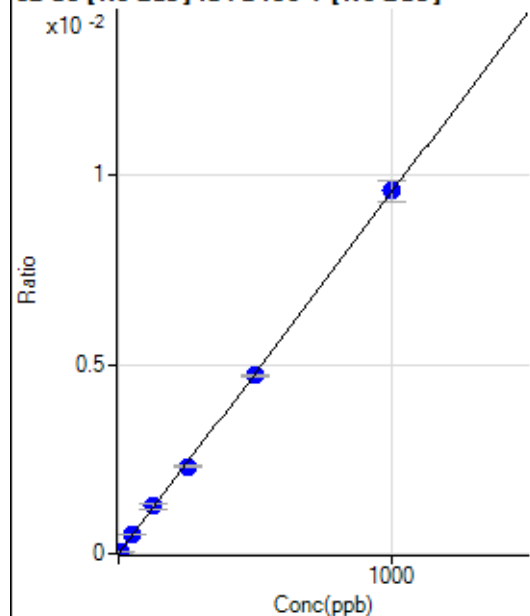
$$BEC = 2.079$$

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"/> |       |            | 2953.18 |       | P        | 3.9 |
| 2 | <input type="checkbox"/> |       |            | 3000.39 |       | P        | 6.0 |
| 3 | <input type="checkbox"/> |       |            | 2711.45 |       | P        | 1.8 |
| 4 | <input type="checkbox"/> |       |            | 2675.32 |       | P        | 5.6 |
| 5 | <input type="checkbox"/> |       |            | 2722.57 |       | P        | 5.7 |
| 6 | <input type="checkbox"/> |       |            | 2522.52 |       | P        | 2.2 |
| 7 | <input type="checkbox"/> |       |            | 2572.53 |       | P        | 3.6 |
| 8 | <input type="checkbox"/> |       |            | 3592.22 |       | P        | 4.1 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|----------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -20.41   | 0.0000 | P        | -148. |
| 2 | <input type="checkbox"/> | 5.000    | 4.806      | 362.05   | 0.0000 | P        | 6.0   |
| 3 | <input type="checkbox"/> | 50.000   | 51.596     | 4031.40  | 0.0005 | P        | 2.1   |
| 4 | <input type="checkbox"/> | 125.000  | 131.907    | 9943.29  | 0.0013 | P        | 12.3  |
| 5 | <input type="checkbox"/> | 250.000  | 241.382    | 19751.31 | 0.0023 | P        | 1.0   |
| 6 | <input type="checkbox"/> | 500.000  | 493.971    | 38589.77 | 0.0047 | P        | 1.3   |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.227   | 75299.49 | 0.0096 | P        | 5.6   |
| 8 | <input type="checkbox"/> |          |            | 393.71   | 0.0001 | P        | 11.2  |

$$y = 9.5524E-006 * x - 2.5432E-006$$

$$R = 0.9999$$

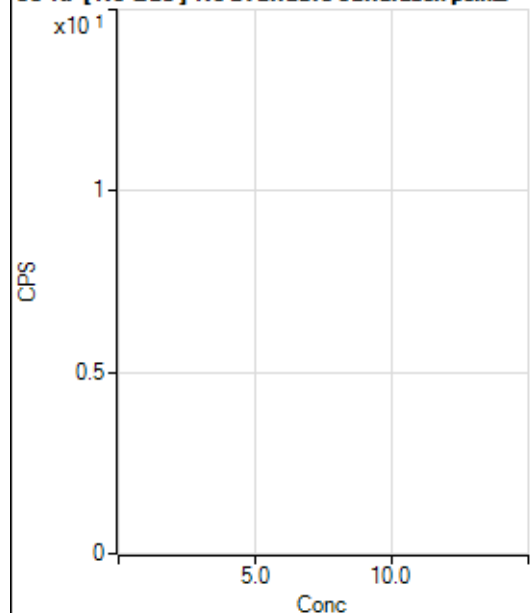
$$DL = 1.187$$

$$BEC = -0.2662$$

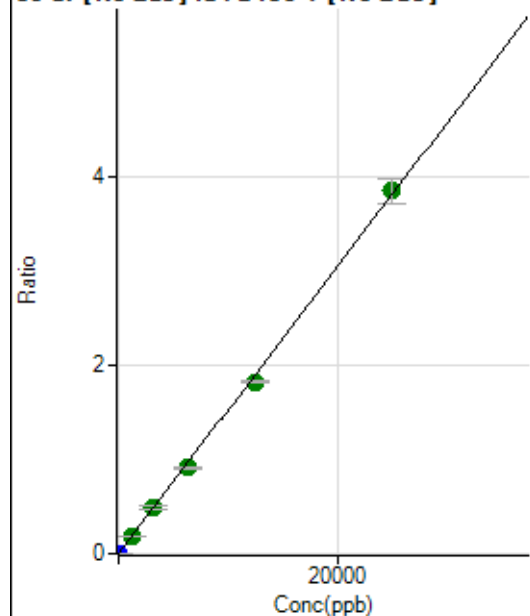
Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 220.39 |       | P        | 8.2  |
| 2 | <input type="checkbox"/> |       |            | 240.39 |       | P        | 1.1  |
| 3 | <input type="checkbox"/> |       |            | 229.56 |       | P        | 10.1 |
| 4 | <input type="checkbox"/> |       |            | 231.22 |       | P        | 6.8  |
| 5 | <input type="checkbox"/> |       |            | 228.72 |       | P        | 8.2  |
| 6 | <input type="checkbox"/> |       |            | 229.55 |       | P        | 1.1  |
| 7 | <input type="checkbox"/> |       |            | 249.55 |       | P        | 2.8  |
| 8 | <input type="checkbox"/> |       |            | 217.48 |       | P        | 3.5  |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 552.82      | 0.0001 | P        | 26.6 |
| 2 | <input type="checkbox"/> | 1.000     | 0.817      | 1602.93     | 0.0002 | P        | 11.2 |
| 3 | <input type="checkbox"/> | 1250.000  | 1247.585   | 1558975.69  | 0.1896 | A        | 1.3  |
| 4 | <input type="checkbox"/> | 3125.000  | 3209.095   | 3861255.38  | 0.4876 | A        | 10.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 5973.765   | 7782532.20  | 0.9076 | A        | 1.7  |
| 6 | <input type="checkbox"/> | 12500.000 | 11996.451  | 14912718.73 | 1.8225 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 25000.000 | 25310.442  | 30174115.95 | 3.8451 | A        | 7.0  |
| 8 | <input type="checkbox"/> |           |            | 4337.80     | 0.0006 | P        | 68.3 |

$$y = 1.5191\text{E-}004 * x + 6.7961\text{E-}005$$

$$R = 0.9996$$

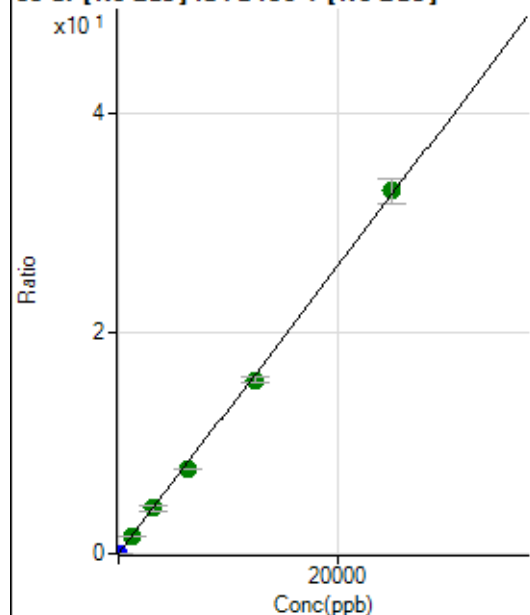
$$DL = 0.3566$$

$$BEC = 0.4474$$

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      | 2776.30     | 0.0003  | P    | 107.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.777      | 11333.19    | 0.0014  | P    | 4.2   |
| 3 | <input type="checkbox"/> | 1250.000  | 1235.224   | 13240128.25 | 1.6102  | A    | 0.8   |
| 4 | <input type="checkbox"/> | 3125.000  | 3167.521   | 32674991.01 | 4.1286  | A    | 11.1  |
| 5 | <input type="checkbox"/> | 6250.000  | 5862.603   | 65527234.10 | 7.6411  | A    | 1.0   |
| 6 | <input type="checkbox"/> | 12500.000 | 12118.763  | 129216179.2 | 15.7948 | A    | 2.5   |
| 7 | <input type="checkbox"/> | 25000.000 | 25282.891  | 258631741.8 | 32.9516 | A    | 6.6   |
| 8 | <input type="checkbox"/> |           |            | 36493.47    | 0.0049  | P    | 71.1  |

$$y = 0.0013 * x + 3.4403E-004$$

$$R = 0.9997$$

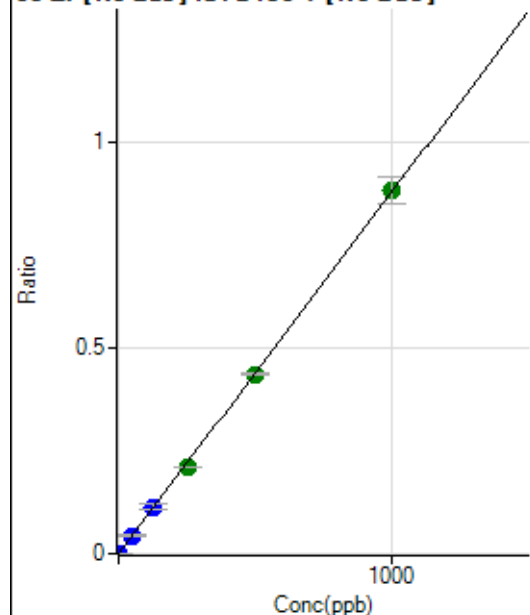
$$DL = 0.8507$$

$$BEC = 0.264$$

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      | 497.32     | 0.0001 | P    | 43.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.860      | 6824.03    | 0.0008 | P    | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 50.224     | 363427.18  | 0.0442 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 130.125    | 905557.88  | 0.1144 | P    | 11.1 |
| 5 | <input type="checkbox"/> | 250.000  | 240.012    | 1809360.20 | 0.2110 | A    | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 495.722    | 3565404.51 | 0.4357 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.984   | 6923844.77 | 0.8824 | A    | 7.3  |
| 8 | <input type="checkbox"/> |          |            | 3275.70    | 0.0004 | P    | 22.8 |

$$y = 8.7885E-004 * x + 6.1229E-005$$

$$R = 0.9999$$

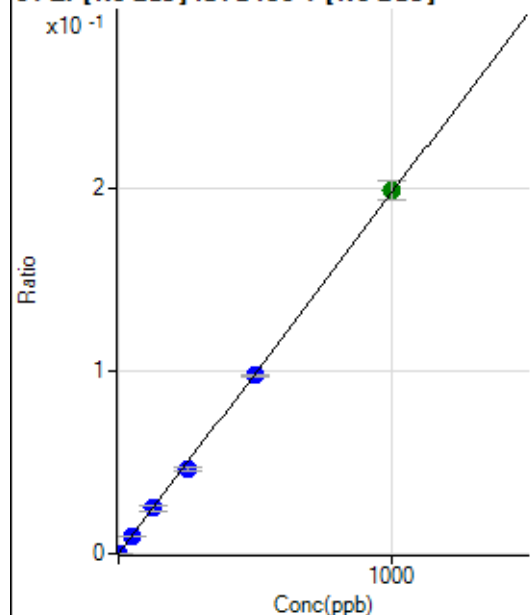
$$DL = 0.09134$$

$$BEC = 0.06967$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 119.45     | 0.0000 | P        | 44.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.794      | 1433.44    | 0.0002 | P        | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 49.389     | 80343.28   | 0.0098 | P        | 2.3  |
| 4 | <input type="checkbox"/> | 125.000  | 126.970    | 198527.93  | 0.0251 | P        | 11.6 |
| 5 | <input type="checkbox"/> | 250.000  | 234.577    | 397444.54  | 0.0464 | P        | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 494.139    | 798779.18  | 0.0976 | P        | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.570   | 1561304.22 | 0.1988 | A        | 5.5  |
| 8 | <input type="checkbox"/> |          |            | 722.30     | 0.0001 | P        | 36.0 |

$$y = 1.9753\text{E-}004 * x + 1.4724\text{E-}005$$

$$R = 0.9998$$

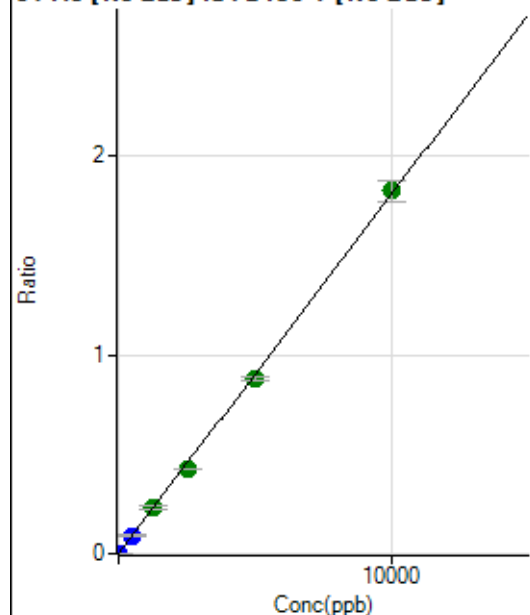
$$DL = 0.09897$$

$$BEC = 0.07454$$

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      | 676.07      | 0.0001 | P        | 148.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.797      | 7955.24     | 0.0010 | P        | 1.2   |
| 3 | <input type="checkbox"/> | 500.000   | 507.442    | 755604.07   | 0.0919 | P        | 1.3   |
| 4 | <input type="checkbox"/> | 1250.000  | 1295.158   | 1856417.27  | 0.2344 | A        | 10.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2354.408   | 3653125.17  | 0.4260 | A        | 1.6   |
| 6 | <input type="checkbox"/> | 5000.000  | 4876.237   | 7218898.86  | 0.8823 | A        | 1.8   |
| 7 | <input type="checkbox"/> | 10000.000 | 10092.263  | 14336597.89 | 1.8260 | A        | 5.6   |
| 8 | <input type="checkbox"/> |           |            | 5838.52     | 0.0008 | P        | 28.8  |

$$y = 1.8092\text{E-}004 * x + 8.4163\text{E-}005$$

$$R = 0.9997$$

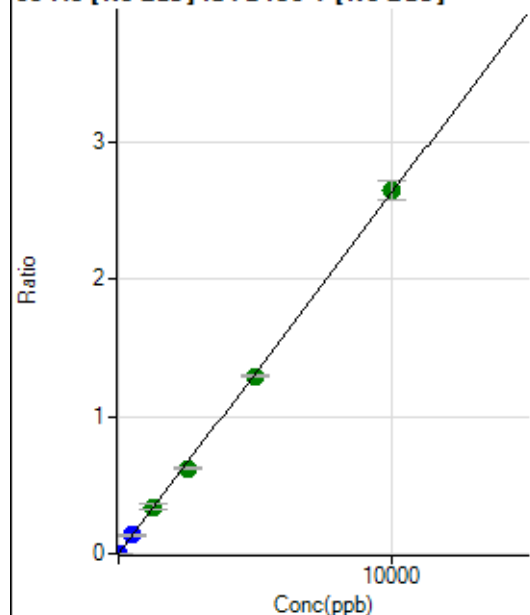
$$DL = 2.068$$

$$BEC = 0.4652$$

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      | 812.93      | 0.0001 | P        | 164.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.155      | 9951.03     | 0.0012 | P        | 3.1   |
| 3 | <input type="checkbox"/> | 500.000   | 507.935    | 1096854.61  | 0.1334 | P        | 1.4   |
| 4 | <input type="checkbox"/> | 1250.000  | 1299.662   | 2699772.09  | 0.3412 | A        | 11.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2362.165   | 5316273.86  | 0.6200 | A        | 1.0   |
| 6 | <input type="checkbox"/> | 5000.000  | 4930.918   | 10588324.11 | 1.2941 | A        | 1.6   |
| 7 | <input type="checkbox"/> | 10000.000 | 10062.396  | 20735695.60 | 2.6407 | A        | 5.3   |
| 8 | <input type="checkbox"/> |           |            | 8132.41     | 0.0011 | P        | 34.9  |

$$y = 2.6242\text{E-}004 * x + 1.0135\text{E-}004$$

$$R = 0.9998$$

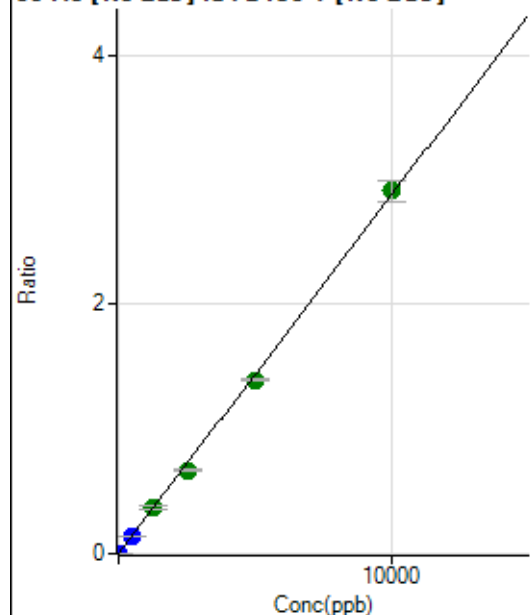
$$DL = 1.907$$

$$BEC = 0.3862$$

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      | 994.22      | 0.0001 | P        | 151.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.221      | 11185.36    | 0.0013 | P        | 1.7   |
| 3 | <input type="checkbox"/> | 500.000   | 504.146    | 1193889.35  | 0.1452 | P        | 1.0   |
| 4 | <input type="checkbox"/> | 1250.000  | 1292.479   | 2945783.03  | 0.3721 | A        | 10.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2329.350   | 5748831.12  | 0.6704 | A        | 1.0   |
| 6 | <input type="checkbox"/> | 5000.000  | 4848.728   | 11417303.55 | 1.3954 | A        | 1.7   |
| 7 | <input type="checkbox"/> | 10000.000 | 10112.782  | 22849614.23 | 2.9102 | A        | 5.6   |
| 8 | <input type="checkbox"/> |           |            | 8935.29     | 0.0012 | P        | 28.1  |

$$y = 2.8776\text{E-}004 * x + 1.2379\text{E-}004$$

$$R = 0.9996$$

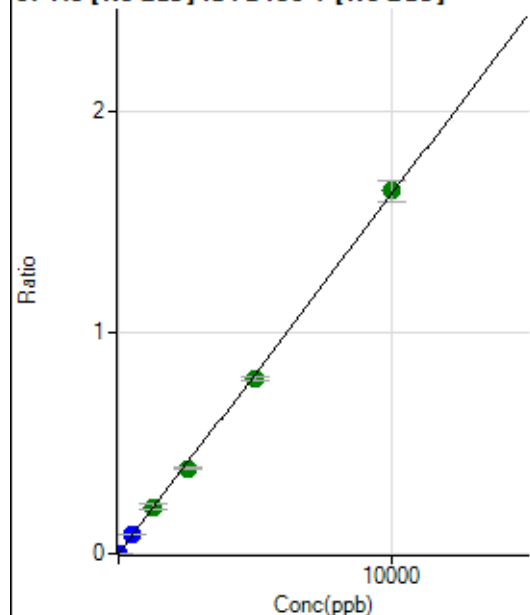
$$DL = 1.961$$

$$BEC = 0.4302$$

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      | 397.70      | 0.0000 | P        | 169.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.358      | 6337.70     | 0.0008 | P        | 5.2   |
| 3 | <input type="checkbox"/> | 500.000   | 511.938    | 685701.94   | 0.0834 | P        | 0.3   |
| 4 | <input type="checkbox"/> | 1250.000  | 1309.392   | 1686566.86  | 0.2132 | A        | 11.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2368.745   | 3307043.11  | 0.3857 | A        | 1.3   |
| 6 | <input type="checkbox"/> | 5000.000  | 4866.994   | 6483543.46  | 0.7924 | A        | 1.5   |
| 7 | <input type="checkbox"/> | 10000.000 | 10091.296  | 12899078.58 | 1.6429 | A        | 5.6   |
| 8 | <input type="checkbox"/> |           |            | 5177.40     | 0.0007 | P        | 32.7  |

$$y = 1.6280E-004 * x + 4.9609E-005$$

$$R = 0.9997$$

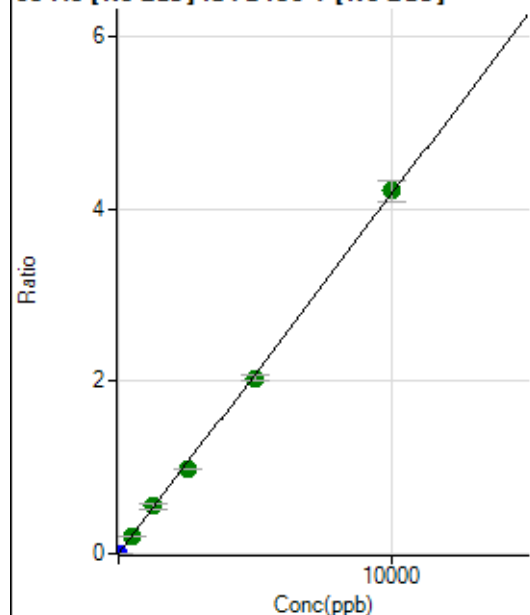
$$DL = 1.551$$

$$BEC = 0.3047$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD   |
|---|--------------------------|-----------|------------|-------------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1290.93     | 0.0002 | P        | 167.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.244      | 16137.55    | 0.0019 | P        | 0.2   |
| 3 | <input type="checkbox"/> | 500.000   | 504.873    | 1733412.52  | 0.2108 | A        | 0.8   |
| 4 | <input type="checkbox"/> | 1250.000  | 1309.877   | 4327693.59  | 0.5467 | A        | 10.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2353.432   | 8421423.37  | 0.9821 | A        | 1.8   |
| 6 | <input type="checkbox"/> | 5000.000  | 4882.647   | 16666701.07 | 2.0373 | A        | 3.0   |
| 7 | <input type="checkbox"/> | 10000.000 | 10087.591  | 33049504.21 | 4.2090 | A        | 5.6   |
| 8 | <input type="checkbox"/> |           |            | 13069.05    | 0.0017 | P        | 30.2  |

$$y = 4.1723E-004 * x + 1.6099E-004$$

$$R = 0.9997$$

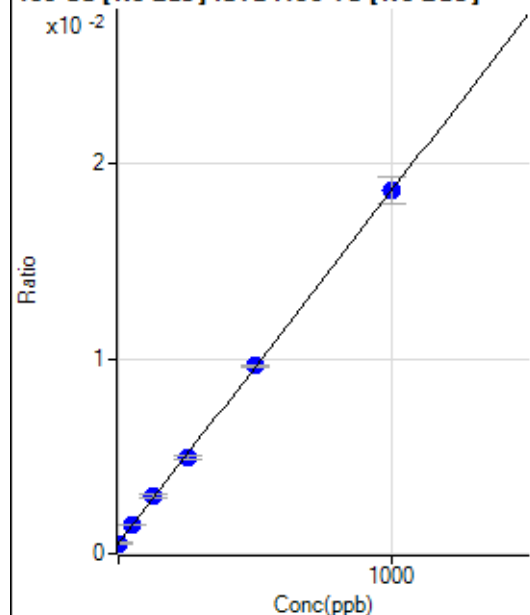
$$DL = 1.942$$

$$BEC = 0.3858$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3339.39   | 0.0005 | P   | 4.9 |
| 2 | <input type="checkbox"/> | 1.000    | -0.753     | 3392.17   | 0.0005 | P   | 7.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.390     | 9506.36   | 0.0015 | P   | 5.7 |
| 4 | <input type="checkbox"/> | 125.000  | 134.874    | 18315.31  | 0.0030 | P   | 7.2 |
| 5 | <input type="checkbox"/> | 250.000  | 242.587    | 32293.90  | 0.0049 | P   | 3.1 |
| 6 | <input type="checkbox"/> | 500.000  | 502.693    | 61431.98  | 0.0096 | P   | 1.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.155    | 115464.72 | 0.0186 | P   | 7.6 |
| 8 | <input type="checkbox"/> |          |            | 2655.89   | 0.0004 | P   | 5.6 |

$$y = 1.8071\text{E-}005 * x + 5.3718\text{E-}004$$

$$R = 0.9999$$

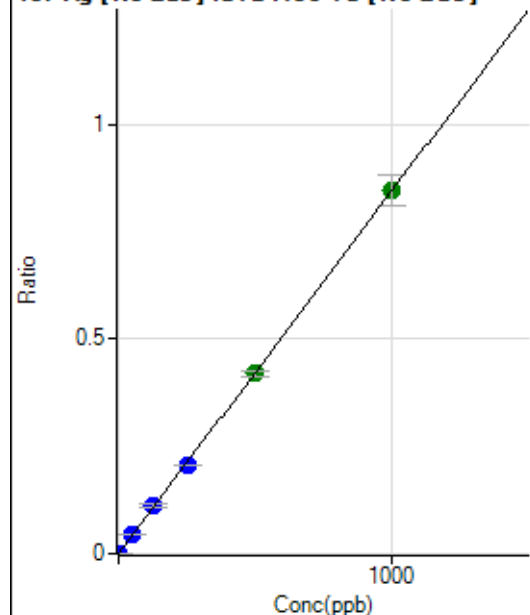
$$DL = 4.394$$

$$BEC = 29.73$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|------------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.44     | 0.0000 | P   | 111.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.951      | 5467.91    | 0.0008 | P   | 4.2   |
| 3 | <input type="checkbox"/> | 50.000   | 52.344     | 283095.09  | 0.0442 | P   | 0.9   |
| 4 | <input type="checkbox"/> | 125.000  | 133.254    | 691096.17  | 0.1124 | P   | 9.5   |
| 5 | <input type="checkbox"/> | 250.000  | 245.369    | 1358057.12 | 0.2069 | P   | 1.1   |
| 6 | <input type="checkbox"/> | 500.000  | 497.536    | 2677898.11 | 0.4196 | A   | 3.6   |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.241   | 5240619.69 | 0.8443 | A   | 8.5   |
| 8 | <input type="checkbox"/> |          |            | 900.06     | 0.0002 | P   | 11.7  |

$$y = 8.4318\text{E-}004 * x + 4.2398\text{E-}005$$

$$R = 0.9999$$

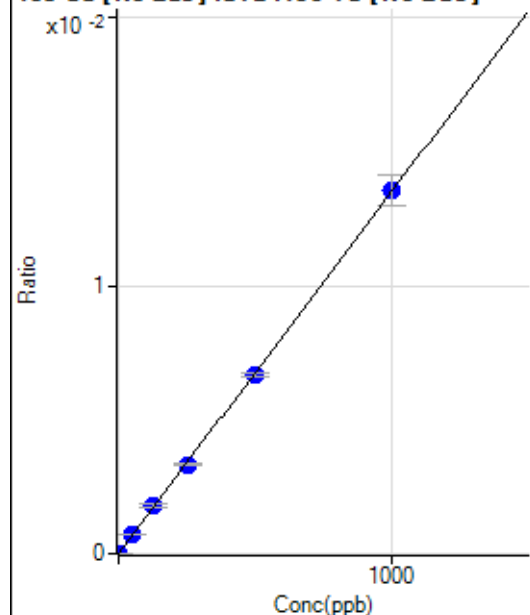
$$DL = 0.1679$$

$$BEC = 0.05028$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00    | 0.0000 | P   | 30.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.210      | 131.95   | 0.0000 | P   | 18.0 |
| 3 | <input type="checkbox"/> | 50.000   | 52.139     | 4532.75  | 0.0007 | P   | 3.4  |
| 4 | <input type="checkbox"/> | 125.000  | 131.777    | 10965.60 | 0.0018 | P   | 8.2  |
| 5 | <input type="checkbox"/> | 250.000  | 245.969    | 21804.87 | 0.0033 | P   | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 493.777    | 42555.91 | 0.0067 | P   | 2.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.165   | 84034.59 | 0.0135 | P   | 8.5  |
| 8 | <input type="checkbox"/> |          |            | 119.45   | 0.0000 | P   | 13.7 |

$$y = 1.3492\text{E-}005 * x + 4.0316\text{E-}006$$

$$R = 0.9999$$

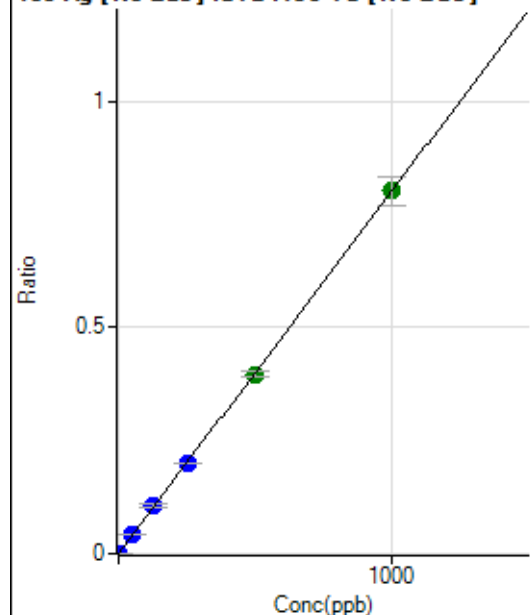
$$DL = 0.2698$$

$$BEC = 0.2988$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|------------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 150.05     | 0.0000 | P   | 123.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.915      | 4906.56    | 0.0008 | P   | 3.2   |
| 3 | <input type="checkbox"/> | 50.000   | 52.024     | 267110.38  | 0.0417 | P   | 1.4   |
| 4 | <input type="checkbox"/> | 125.000  | 132.051    | 650037.56  | 0.1058 | P   | 10.3  |
| 5 | <input type="checkbox"/> | 250.000  | 248.037    | 1303718.88 | 0.1986 | P   | 0.5   |
| 6 | <input type="checkbox"/> | 500.000  | 495.408    | 2532728.64 | 0.3967 | A   | 2.7   |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.804   | 4981853.71 | 0.8023 | A   | 7.8   |
| 8 | <input type="checkbox"/> |          |            | 916.75     | 0.0002 | P   | 21.2  |

$$y = 8.0079\text{E-}004 * x + 2.4666\text{E-}005$$

$$R = 1.0000$$

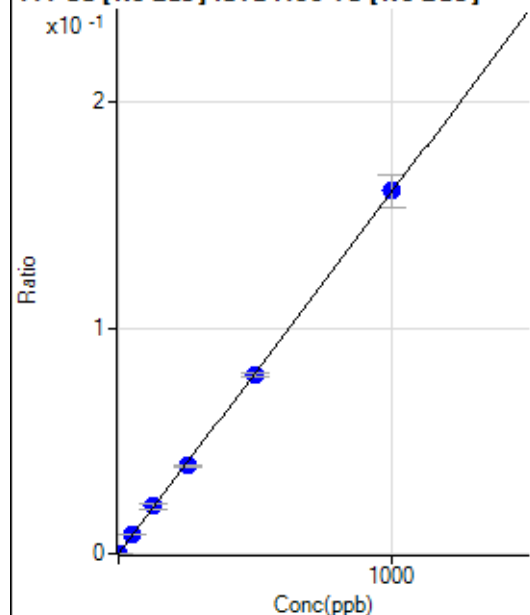
$$DL = 0.1143$$

$$BEC = 0.0308$$

Weight: &lt;None&gt;

Min Conc: 0

111 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      | 88.17     | 0.0000 | P   | 32.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.892      | 1018.59   | 0.0002 | P   | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.284     | 52750.44  | 0.0082 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 131.171    | 129319.54 | 0.0210 | P   | 9.7  |
| 5 | <input type="checkbox"/> | 250.000  | 242.244    | 254855.46 | 0.0388 | P   | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 494.710    | 506177.51 | 0.0793 | P   | 2.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.749   | 998413.96 | 0.1609 | P   | 8.7  |
| 8 | <input type="checkbox"/> |          |            | 569.53    | 0.0001 | P   | 7.5  |

$$y = 1.6025\text{E-}004 * x + 1.4246\text{E-}005$$

$$R = 0.9999$$

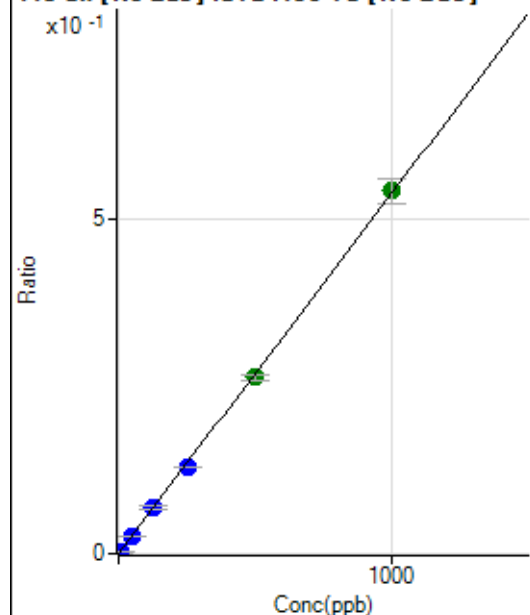
$$DL = 0.08689$$

$$BEC = 0.0889$$

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      | 536.15     | 0.0001 | P   | 17.9 |
| 2 | <input type="checkbox"/> | 5.000    | 4.461      | 16076.50   | 0.0025 | P   | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 49.674     | 171439.06  | 0.0268 | P   | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 129.107    | 426431.59  | 0.0694 | P   | 10.5 |
| 5 | <input type="checkbox"/> | 250.000  | 240.333    | 847318.76  | 0.1291 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 488.656    | 1675644.15 | 0.2624 | A   | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.595   | 3361033.58 | 0.5410 | A   | 6.9  |
| 8 | <input type="checkbox"/> |          |            | 2397.52    | 0.0004 | P   | 11.5 |

$$y = 5.3685\text{E-}004 * x + 8.6442\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.08656$$

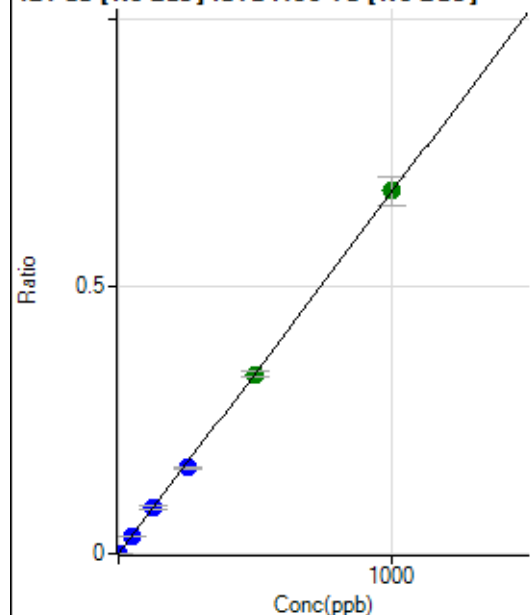
$$BEC = 0.161$$

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      | 161.15     | 0.0000 | P    | 93.6 |
| 2 | <input type="checkbox"/> | 2.000    | 1.779      | 7971.96    | 0.0012 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 50.000   | 49.601     | 215209.90  | 0.0336 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 125.000  | 126.769    | 527580.19  | 0.0858 | P    | 9.5  |
| 5 | <input type="checkbox"/> | 250.000  | 238.531    | 1059382.76 | 0.1614 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 496.219    | 2143398.20 | 0.3358 | A    | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.557   | 4220853.31 | 0.6797 | A    | 7.8  |
| 8 | <input type="checkbox"/> |          |            | 2044.67    | 0.0003 | P    | 12.4 |

$$y = 6.7663\text{E-}004 * x + 2.6336\text{E-}005$$

$$R = 0.9999$$

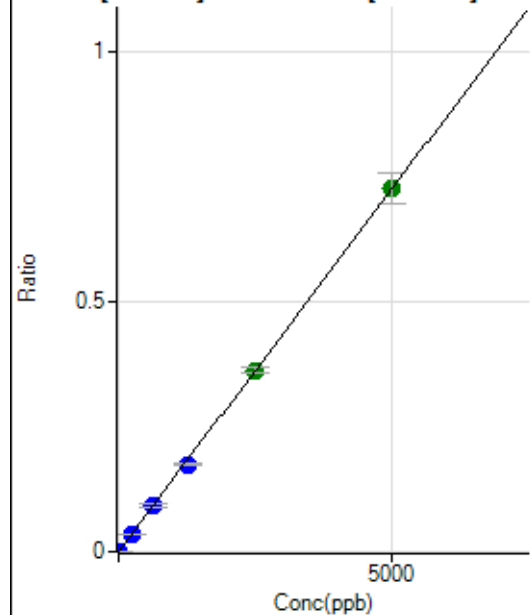
$$DL = 0.1093$$

$$BEC = 0.03892$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [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      | 133.35     | 0.0000 | P    | 62.2 |
| 2 | <input type="checkbox"/> | 10.000   | 8.932      | 8519.60    | 0.0013 | P    | 1.9  |
| 3 | <input type="checkbox"/> | 250.000  | 247.468    | 229717.29  | 0.0358 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 625.000  | 634.101    | 564631.73  | 0.0918 | P    | 9.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1196.017   | 1136497.72 | 0.1732 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2507.194   | 2317149.57 | 0.3630 | A    | 3.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.890   | 4501145.37 | 0.7252 | A    | 8.6  |
| 8 | <input type="checkbox"/> |          |            | 2611.45    | 0.0004 | P    | 11.4 |

$$y = 1.4478\text{E-}004 * x + 2.1657\text{E-}005$$

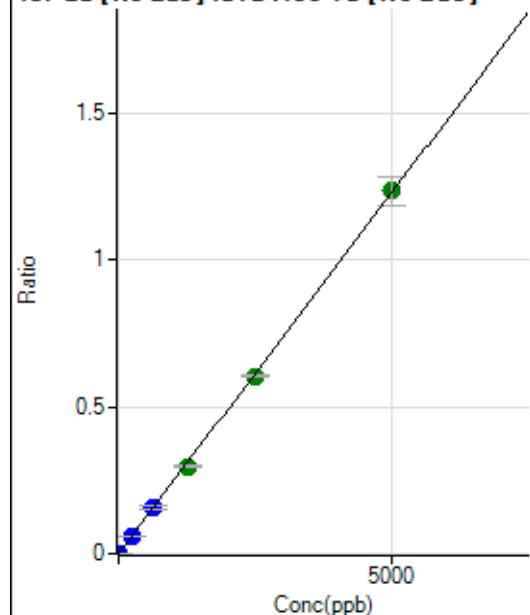
$$R = 0.9999$$

$$DL = 0.2791$$

$$BEC = 0.1496$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 227.83     | 0.0000 | P        | 86.4 |
| 2 | <input type="checkbox"/> | 10.000   | 9.035      | 14633.29   | 0.0023 | P        | 3.8  |
| 3 | <input type="checkbox"/> | 250.000  | 249.422    | 393126.23  | 0.0614 | P        | 2.6  |
| 4 | <input type="checkbox"/> | 625.000  | 647.903    | 979579.42  | 0.1593 | P        | 9.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1209.752   | 1952062.39 | 0.2974 | A        | 2.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2461.949   | 3864647.70 | 0.6053 | A        | 1.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 5026.255   | 7674004.16 | 1.2357 | A        | 7.7  |
| 8 | <input type="checkbox"/> |          |            | 4934.38    | 0.0008 | P        | 3.3  |

$$y = 2.4584E-004 * x + 3.7143E-005$$

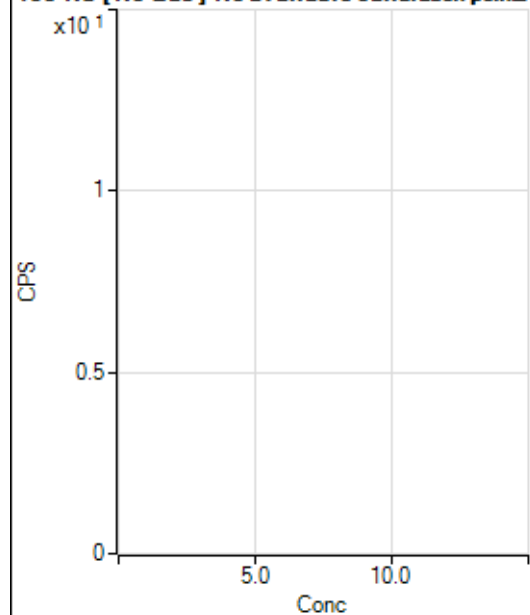
$$R = 0.9999$$

$$DL = 0.3915$$

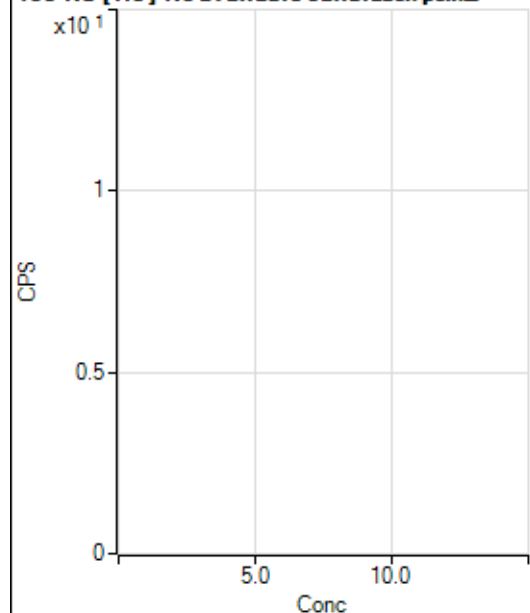
$$BEC = 0.1511$$

Weight: &lt;None&gt;

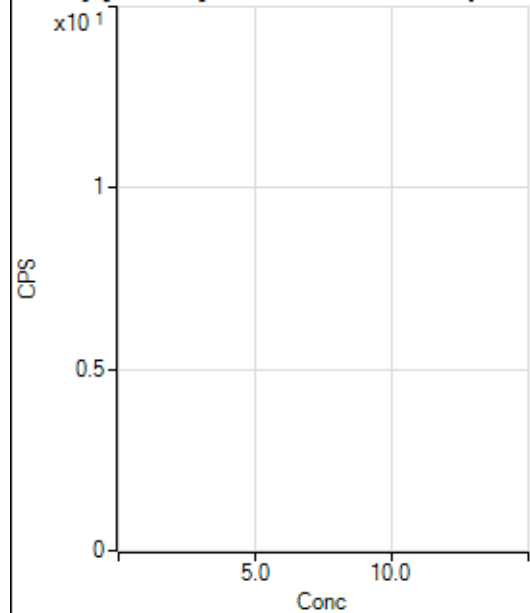
Min Conc: 0

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

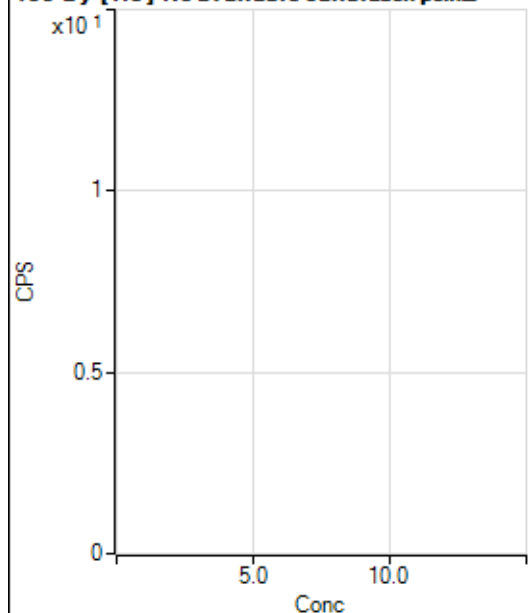
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.34  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 17.3 |
| 3 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 51.11  |       | P        | 52.7 |
| 5 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 29.4 |
| 6 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 2.7  |
| 7 | <input type="checkbox"/> |       |            | 246.67 |       | P        | 13.5 |
| 8 | <input type="checkbox"/> |       |            | 162.22 |       | P        | 2.4  |

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

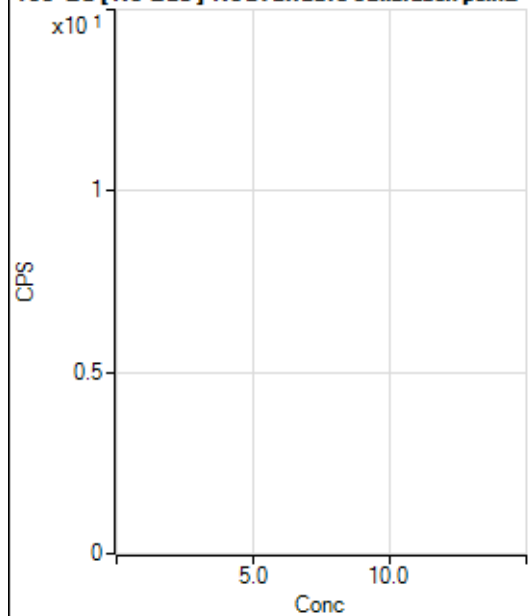
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0   |
| 4 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 137.8 |
| 6 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6  |
| 7 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 37.8  |
| 8 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 28.2  |

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

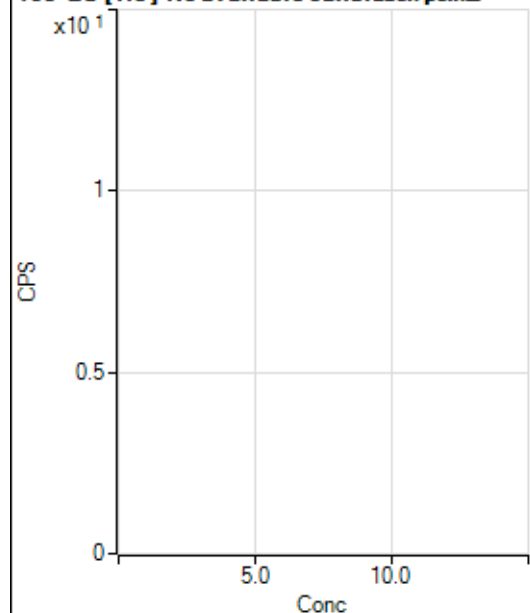
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 24.1 |
| 2 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 17.6 |
| 3 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 20.4 |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 158.34 |       | P        | 34.5 |
| 6 | <input type="checkbox"/> |       |            | 177.78 |       | P        | 7.2  |
| 7 | <input type="checkbox"/> |       |            | 347.23 |       | P        | 17.7 |
| 8 | <input type="checkbox"/> |       |            | 963.95 |       | P        | 12.6 |

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

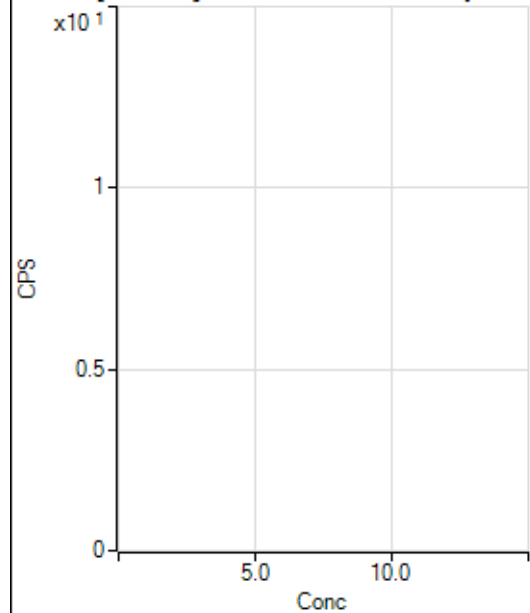
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 124.9 |
| 2 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 124.9 |
| 3 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 52.9  |
| 4 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 37.8  |
| 5 | <input type="checkbox"/> |       |            | 34.45  |       | P        | 11.2  |
| 6 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 12.1  |
| 7 | <input type="checkbox"/> |       |            | 138.89 |       | P        | 16.0  |
| 8 | <input type="checkbox"/> |       |            | 464.46 |       | P        | 11.8  |

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

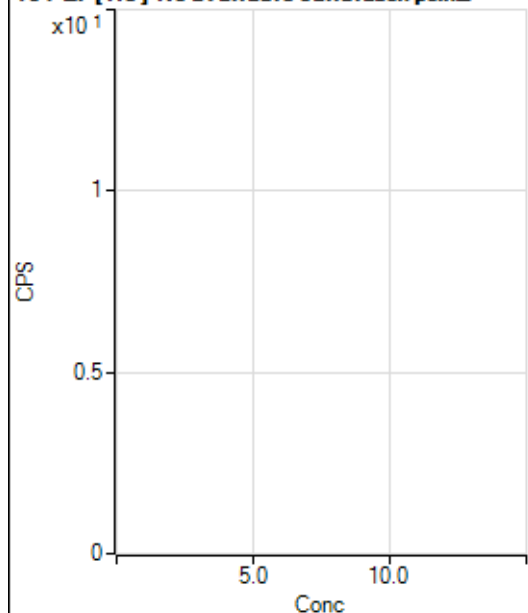
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 23.9 |
| 2 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 32.8 |
| 3 | <input type="checkbox"/> |       |            | 125.00 |       | P        | 26.7 |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 12.1 |
| 5 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 16.5 |
| 6 | <input type="checkbox"/> |       |            | 205.56 |       | P        | 10.2 |
| 7 | <input type="checkbox"/> |       |            | 258.34 |       | P        | 17.1 |
| 8 | <input type="checkbox"/> |       |            | 977.84 |       | P        | 13.6 |

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

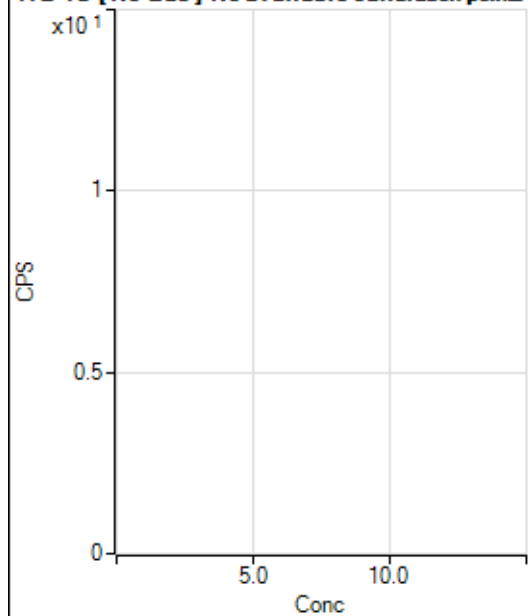
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 92.22  |       | P        | 23.5 |
| 2 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 10.0 |
| 3 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 9.8  |
| 4 | <input type="checkbox"/> |       |            | 78.89  |       | P        | 2.4  |
| 5 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 7.6  |
| 6 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 17.7 |
| 7 | <input type="checkbox"/> |       |            | 203.34 |       | P        | 13.4 |
| 8 | <input type="checkbox"/> |       |            | 641.14 |       | P        | 1.1  |

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

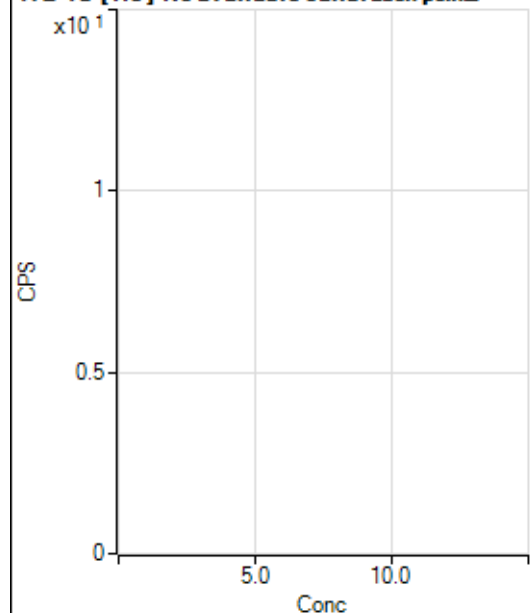
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 65.5 |
| 2 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 52.7 |
| 3 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 66.8 |
| 4 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 65.5 |
| 5 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 39.8 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 43.3 |
| 7 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 43.3 |
| 8 | <input type="checkbox"/> |       |            | 186.12 |       | P        | 9.3  |

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

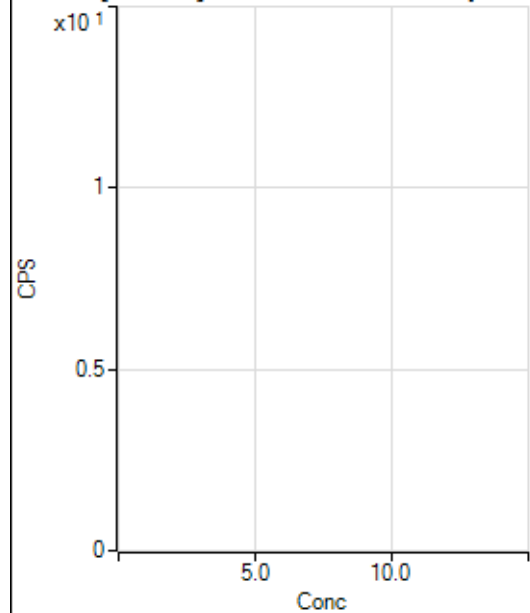
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 14.3 |
| 2 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 47.9 |
| 3 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 39.7 |
| 4 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 39.0 |
| 5 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 32.8 |
| 6 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 84.6 |
| 7 | <input type="checkbox"/> |       |            | 36.66 |       | P        | 41.7 |
| 8 | <input type="checkbox"/> |       |            | 68.89 |       | P        | 18.3 |

**172 Yb [ No Gas ] No available calibration points**

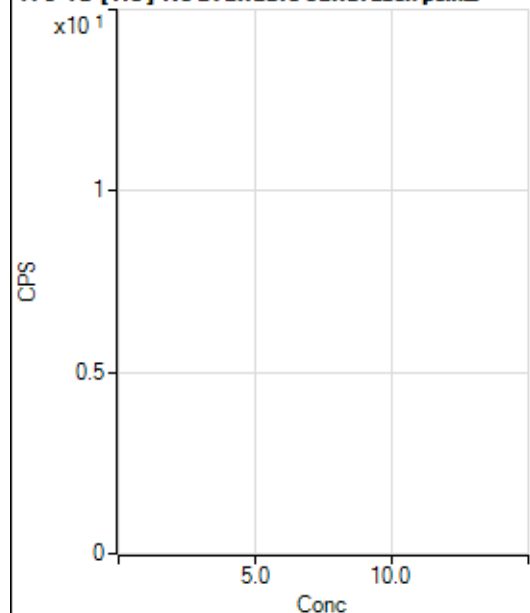
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 21.7 |
| 2 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 24.1 |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 37.8 |
| 5 | <input type="checkbox"/> |       |            | 30.55  |       | P        | 15.7 |
| 6 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 0.0  |
| 7 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 16.1 |
| 8 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 38.2 |

**172 Yb [He] No available calibration points**

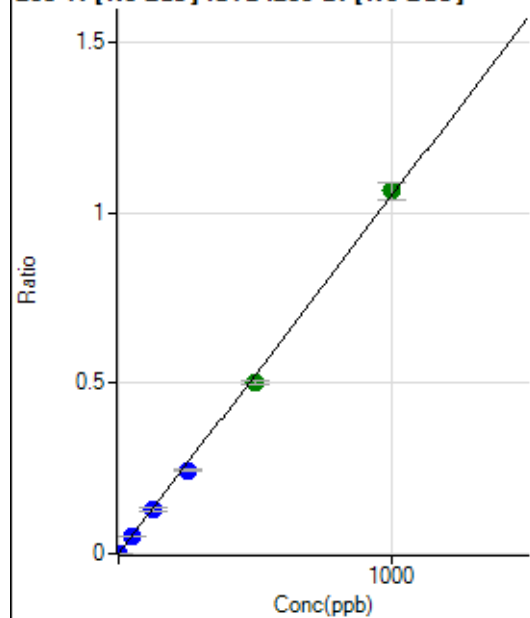
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 18.52 |       | P        | 34.6 |
| 2 | <input type="checkbox"/> |       |            | 12.96 |       | P        | 24.8 |
| 3 | <input type="checkbox"/> |       |            | 14.82 |       | P        | 57.3 |
| 4 | <input type="checkbox"/> |       |            | 25.93 |       | P        | 44.6 |
| 5 | <input type="checkbox"/> |       |            | 18.52 |       | P        | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 44.1 |
| 7 | <input type="checkbox"/> |       |            | 74.08 |       | P        | 15.6 |
| 8 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 8.3  |

**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|----------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1211.20  |       | P        | 5.6  |
| 2 | <input type="checkbox"/> |       |            | 1188.98  |       | P        | 13.0 |
| 3 | <input type="checkbox"/> |       |            | 2114.12  |       | P        | 4.1  |
| 4 | <input type="checkbox"/> |       |            | 3367.20  |       | P        | 5.6  |
| 5 | <input type="checkbox"/> |       |            | 6015.42  |       | P        | 1.4  |
| 6 | <input type="checkbox"/> |       |            | 10190.39 |       | P        | 3.2  |
| 7 | <input type="checkbox"/> |       |            | 19615.13 |       | P        | 1.5  |
| 8 | <input type="checkbox"/> |       |            | 1022.29  |       | P        | 13.0 |

**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 6512.83  |       | P        | 4.3 |
| 2 | <input type="checkbox"/> |       |            | 6460.96  |       | P        | 0.4 |
| 3 | <input type="checkbox"/> |       |            | 6731.47  |       | P        | 1.7 |
| 4 | <input type="checkbox"/> |       |            | 7652.35  |       | P        | 3.5 |
| 5 | <input type="checkbox"/> |       |            | 8508.42  |       | P        | 1.8 |
| 6 | <input type="checkbox"/> |       |            | 10534.01 |       | P        | 2.8 |
| 7 | <input type="checkbox"/> |       |            | 15090.39 |       | P        | 2.0 |
| 8 | <input type="checkbox"/> |       |            | 6336.82  |       | P        | 1.3 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23     | 0.0000 | P        | 52.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.817      | 3831.23    | 0.0009 | P        | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 48.257     | 220877.80  | 0.0507 | P        | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 124.648    | 541736.92  | 0.1309 | P        | 9.5  |
| 5 | <input type="checkbox"/> | 250.000  | 233.421    | 1078203.82 | 0.2450 | P        | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 479.804    | 2175089.92 | 0.5036 | A        | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1014.374   | 4337155.13 | 1.0646 | A        | 5.0  |
| 8 | <input type="checkbox"/> |          |            | 997.29     | 0.0003 | P        | 22.3 |

$$y = 0.0010 * x + 4.0739E-005$$

$$R = 0.9995$$

$$DL = 0.0615$$

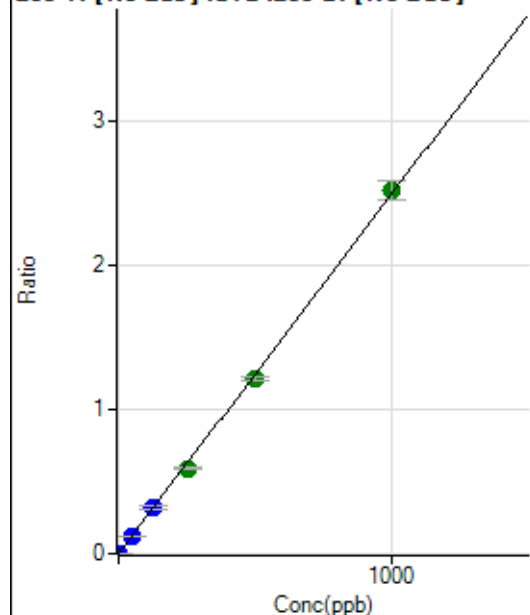
$$BEC = 0.03882$$

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      | 319.48      | 0.0001 | P   | 34.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.916      | 10045.84    | 0.0024 | P   | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 48.171     | 522326.49   | 0.1198 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 127.503    | 1312392.75  | 0.3171 | P   | 9.9  |
| 5 | <input type="checkbox"/> | 250.000  | 237.844    | 2602920.59  | 0.5914 | A   | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 486.480    | 5224323.34  | 1.2096 | A   | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.577   | 10226049.62 | 2.5103 | A   | 5.2  |
| 8 | <input type="checkbox"/> |          |            | 2344.75     | 0.0006 | P   | 7.2  |

$$y = 0.0025 * x + 7.5460E-005$$

$$R = 0.9998$$

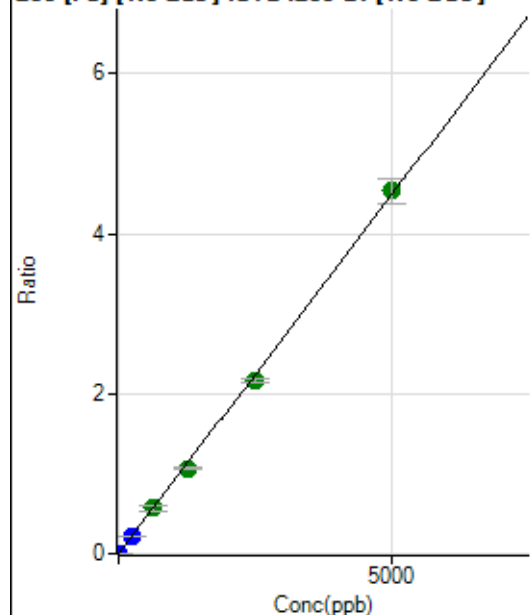
$$DL = 0.03156$$

$$BEC = 0.03035$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [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      | 540.77      | 0.0001 | P   | 13.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.914      | 4037.90     | 0.0009 | P   | 9.7  |
| 3 | <input type="checkbox"/> | 250.000  | 231.896    | 906631.25   | 0.2080 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 625.000  | 632.925    | 2346185.35  | 0.5676 | A   | 11.7 |
| 5 | <input type="checkbox"/> | 1250.000 | 1189.853   | 4695534.19  | 1.0668 | A   | 1.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2412.554   | 9341919.65  | 2.1630 | A   | 2.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5058.675   | 18469380.27 | 4.5353 | A   | 6.6  |
| 8 | <input type="checkbox"/> |          |            | 7904.42     | 0.0021 | P   | 8.5  |

$$y = 8.9651E-004 * x + 1.2738E-004$$

$$R = 0.9997$$

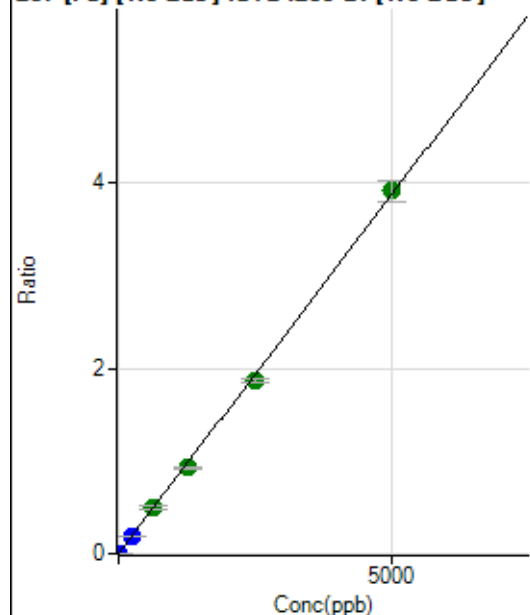
$$DL = 0.05733$$

$$BEC = 0.1421$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 451.88      | 0.0001 | P        | 22.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.895      | 3411.77     | 0.0008 | P        | 7.8  |
| 3 | <input type="checkbox"/> | 250.000  | 238.790    | 806540.93   | 0.1850 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 625.000  | 647.212    | 2075012.14  | 0.5013 | A        | 9.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1200.978   | 4093943.96  | 0.9302 | A        | 2.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2410.085   | 8060692.48  | 1.8666 | A        | 2.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5054.997   | 15947512.05 | 3.9150 | A        | 5.6  |
| 8 | <input type="checkbox"/> |          |            | 6920.53     | 0.0018 | P        | 2.9  |

$$y = 7.7446E-004 * x + 1.0658E-004$$

$$R = 0.9997$$

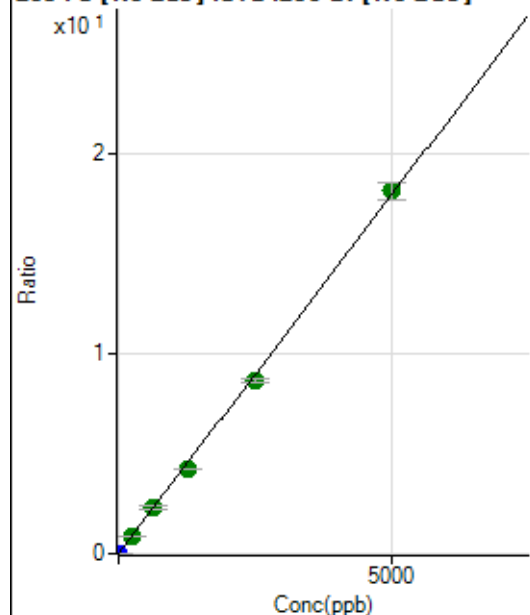
$$DL = 0.09391$$

$$BEC = 0.1376$$

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      | 2107.58     | 0.0005  | P        | 15.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.910      | 16061.17    | 0.0038  | P        | 10.6 |
| 3 | <input type="checkbox"/> | 250.000  | 238.511    | 3732297.96  | 0.8564  | A        | 1.3  |
| 4 | <input type="checkbox"/> | 625.000  | 636.148    | 9449689.86  | 2.2833  | A        | 10.0 |
| 5 | <input type="checkbox"/> | 1250.000 | 1181.306   | 18658256.72 | 4.2395  | A        | 1.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2419.940   | 37501486.42 | 8.6843  | A        | 2.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5056.385   | 73930071.91 | 18.1450 | A        | 4.9  |
| 8 | <input type="checkbox"/> |          |            | 32122.25    | 0.0085  | P        | 6.7  |

$$y = 0.0036 * x + 4.9667E-004$$

$$R = 0.9997$$

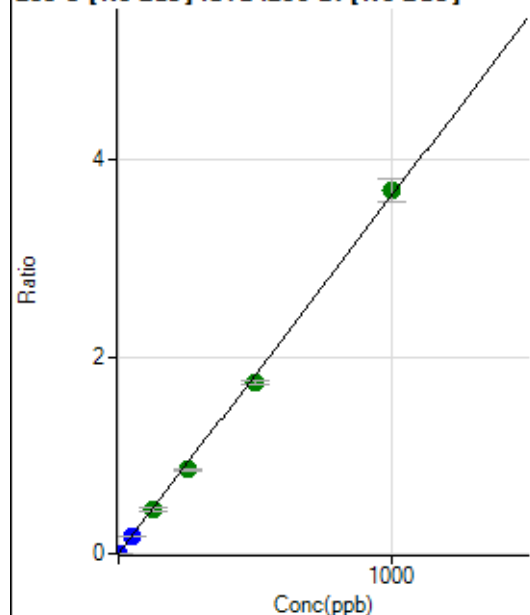
$$DL = 0.0645$$

$$BEC = 0.1384$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [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      | 180.59      | 0.0000 | P    | 70.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.889      | 13961.82    | 0.0033 | P    | 5.8  |
| 3 | <input type="checkbox"/> | 50.000   | 47.093     | 745729.42   | 0.1711 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 123.817    | 1863942.53  | 0.4497 | A    | 7.8  |
| 5 | <input type="checkbox"/> | 250.000  | 235.304    | 3761127.52  | 0.8546 | A    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 479.768    | 7524450.08  | 1.7425 | A    | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1014.083   | 14998216.48 | 3.6830 | A    | 6.2  |
| 8 | <input type="checkbox"/> |          |            | 1627.94     | 0.0004 | P    | 5.4  |

$$y = 0.0036 * x + 4.2666E-005$$

$$R = 0.9996$$

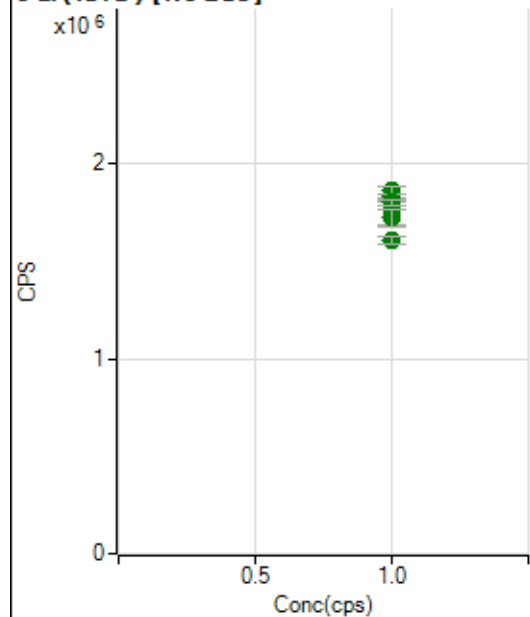
$$DL = 0.02481$$

$$BEC = 0.01175$$

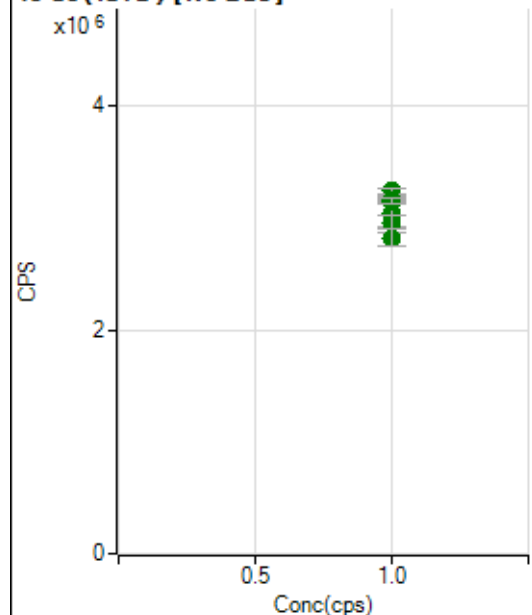
Weight: &lt;None&gt;

Min Conc: 0

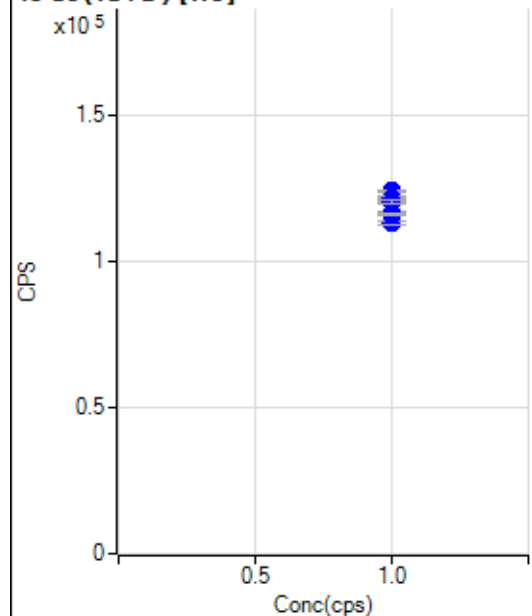
6 Li (ISTD) [No Gas]



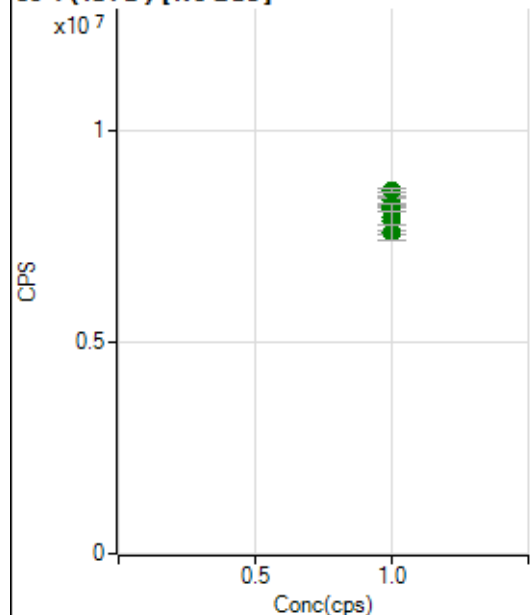
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1814398.63 |       | A    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1836458.46 |       | A    | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1805558.03 |       | A    | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1769294.81 |       | A    | 9.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1862378.65 |       | A    | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1802163.68 |       | A    | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1726646.32 |       | A    | 5.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1613665.95 |       | A    | 2.4 |

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

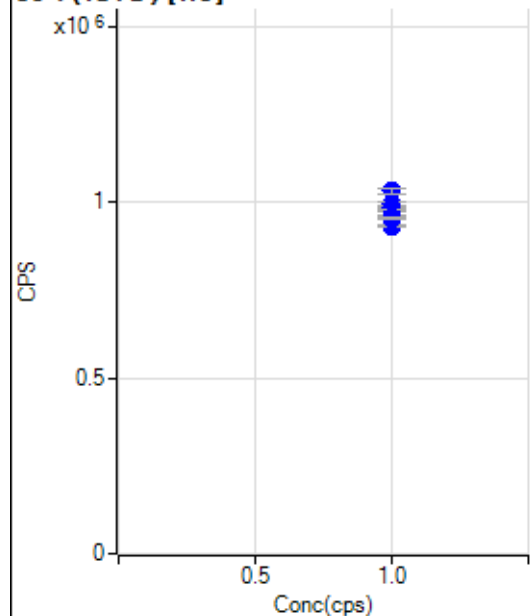
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3167278.63 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3154647.42 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3240759.71 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3039880.96 |       | A        | 7.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3152841.65 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3144631.38 |       | A        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2947757.04 |       | A        | 5.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2824976.76 |       | A        | 5.3 |

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

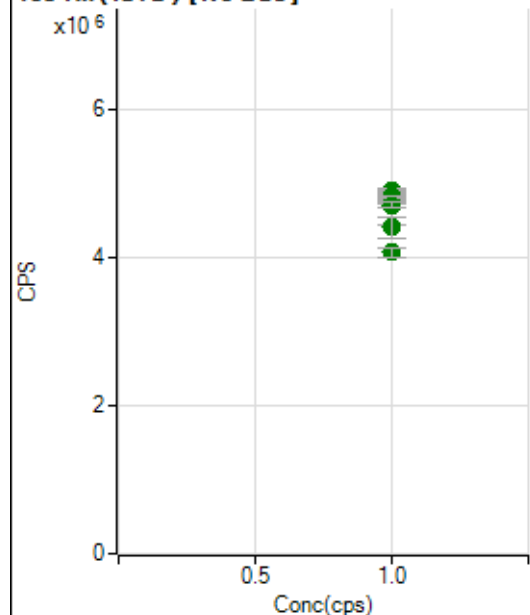
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 122062.74 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 124154.48 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 121970.87 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 120639.44 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 120407.40 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 116765.77 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 113234.62 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 115952.63 |       | P        | 0.6 |

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

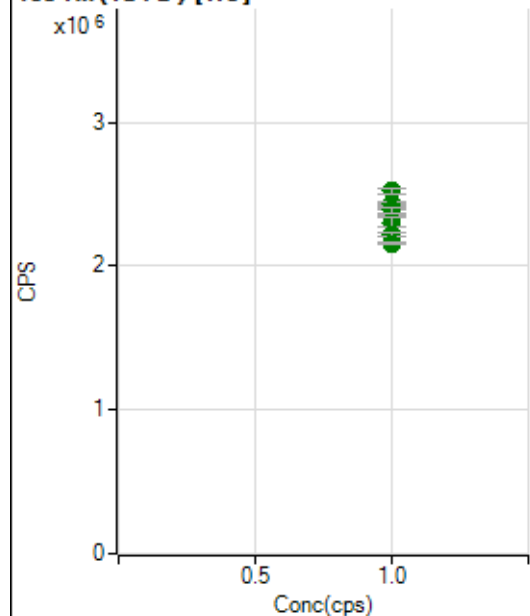
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 8152851.68 |       | A        | 1.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 8354546.89 |       | A        | 2.2  |
| 3 | <input type="checkbox"/> | 1.000 |            | 8222625.43 |       | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1.000 |            | 7976824.67 |       | A        | 10.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8575430.43 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 8184413.56 |       | A        | 2.6  |
| 7 | <input type="checkbox"/> | 1.000 |            | 7867715.16 |       | A        | 5.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 7572025.23 |       | A        | 4.7  |

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

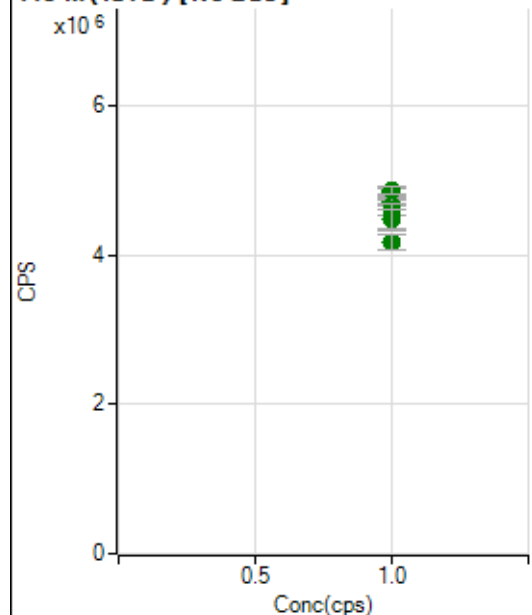
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 980186.25  |       | P        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1033332.76 |       | P        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 994752.23  |       | P        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 985897.59  |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 979625.40  |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 960372.02  |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 932899.46  |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 954949.42  |       | P        | 0.3 |

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

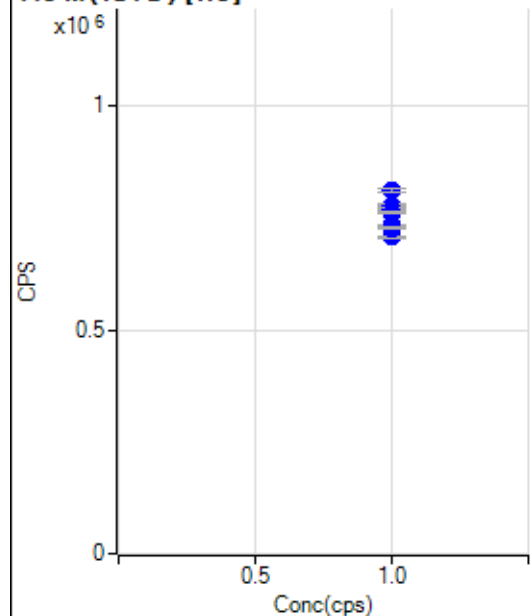
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4791790.77 |       | A        | 2.4  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4801175.93 |       | A        | 1.1  |
| 3 | <input type="checkbox"/> | 1.000 |            | 4901417.08 |       | A        | 0.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4690368.59 |       | A        | 10.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4831077.19 |       | A        | 0.6  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4712425.11 |       | A        | 1.7  |
| 7 | <input type="checkbox"/> | 1.000 |            | 4409944.37 |       | A        | 6.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4071104.00 |       | A        | 2.8  |

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

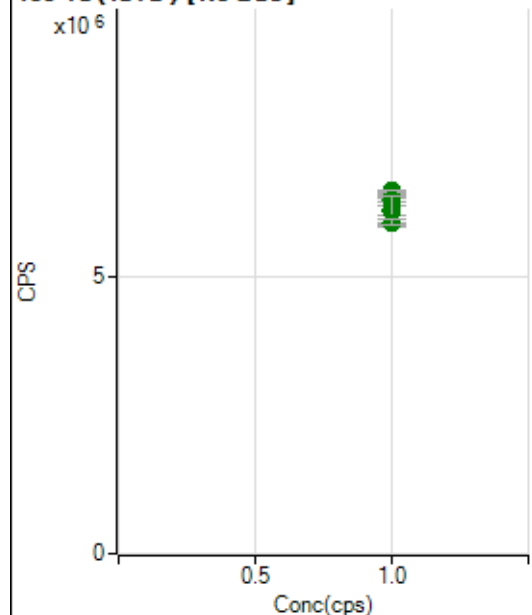
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2426256.33 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2523531.07 |       | A        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2433245.76 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2373053.64 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2388152.73 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2305451.96 |       | A        | 2.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2219123.53 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2157364.80 |       | A        | 0.6 |

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

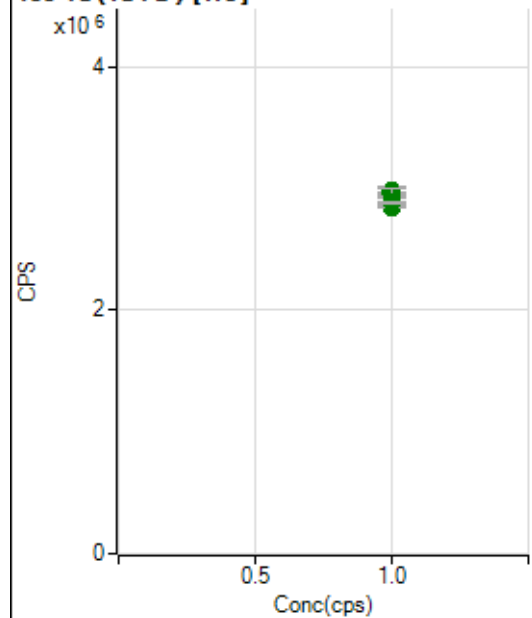
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4700363.04 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4840185.43 |       | A        | 2.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4799806.33 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4539580.19 |       | A        | 9.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4853289.67 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4607664.02 |       | A        | 3.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4479506.74 |       | A        | 6.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4170065.69 |       | A        | 4.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 773741.55 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 810184.65 |       | P        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 778767.05 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 769944.76 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 761643.47 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 734410.02 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 706454.30 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 727445.70 |       | P        | 0.4 |

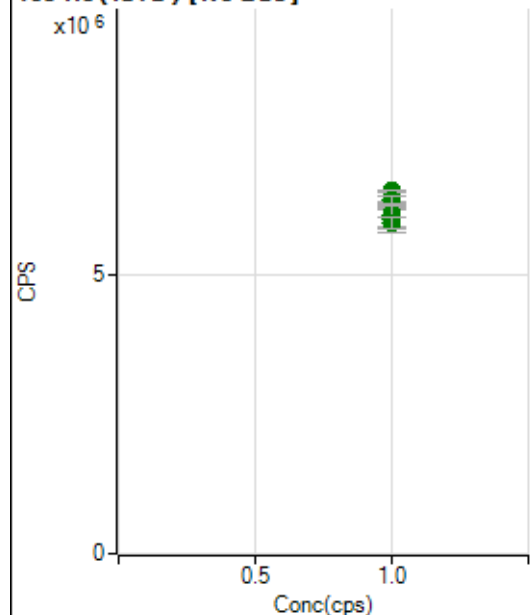
**159 Tb (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6222041.16 |       | A        | 2.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6479721.50 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6408473.10 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6184180.60 |       | A        | 9.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6562967.82 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6387276.23 |       | A        | 3.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6234129.35 |       | A        | 7.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5999162.76 |       | A        | 1.9 |

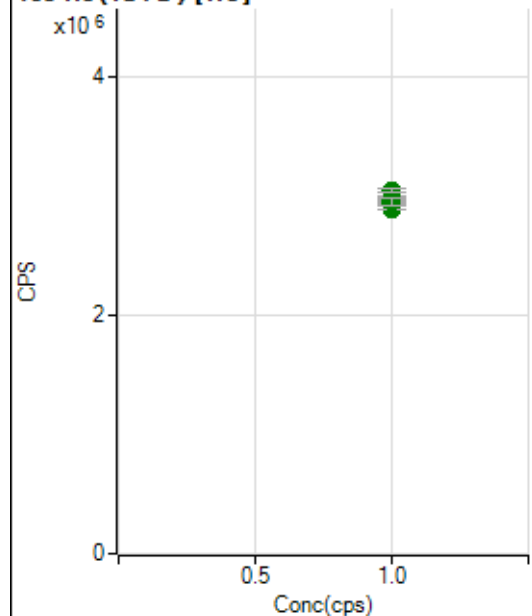
**159 Tb (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2877092.80 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2978335.76 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2978013.39 |       | A        | 2.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2973889.26 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2959734.40 |       | A        | 2.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2862658.15 |       | A        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2846094.54 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2884933.53 |       | A        | 0.4 |

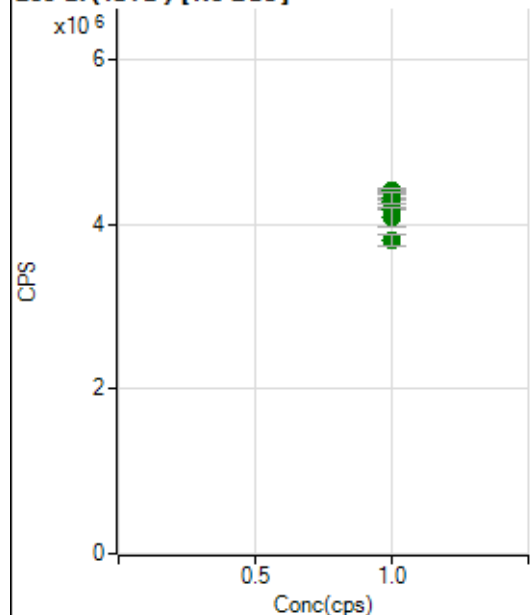


**165 Ho (ISTD) [No Gas]**

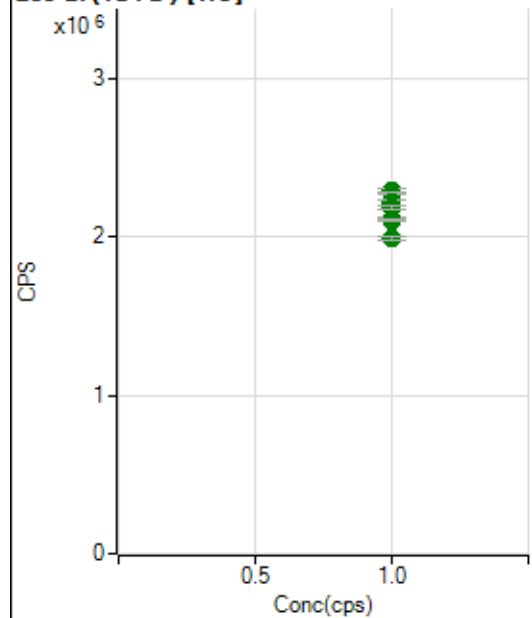
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6220464.81 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6243743.80 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6328907.35 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6015813.20 |       | A        | 7.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6525630.31 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6363479.05 |       | A        | 2.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6080278.26 |       | A        | 7.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5937318.23 |       | A        | 3.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2942632.01 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3031258.67 |       | A        | 1.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2972962.35 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2960130.65 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3042772.70 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2934221.17 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2886428.98 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2950137.60 |       | A        | 2.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4250496.78 |       | A        | 3.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4267689.48 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4358891.12 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4165770.84 |       | A        | 9.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4401498.44 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4320433.86 |       | A        | 2.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4081429.35 |       | A        | 5.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3805876.37 |       | A        | 3.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2211289.15 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2291080.26 |       | A        | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2274118.52 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2219021.56 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2189940.50 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2111351.01 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2106103.42 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1993779.57 |       | A        | 1.3 |