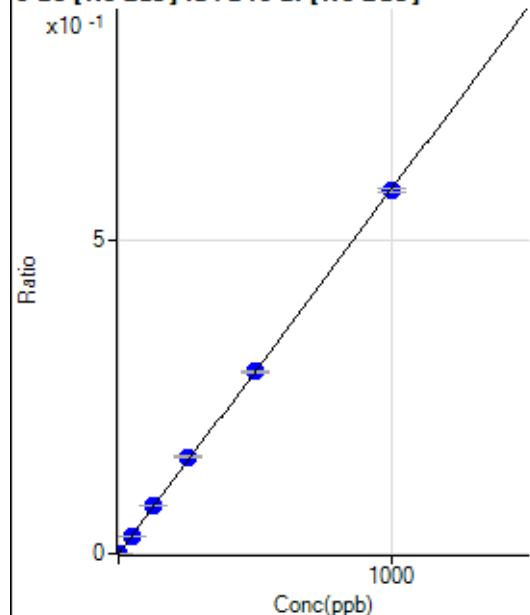


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8123019-MS.b\  
Analysis File: P8123019-MS.batch.bin  
DA Date-Time: 2019-12-30 16:35:23  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 005CALB.d          | S00         | 2019-12-30 14:01:39 |
| 2     | 006CALS.d          | S02         | 2019-12-30 14:04:40 |
| 3     | 008CALS.d          | S03         | 2019-12-30 14:14:57 |
| 4     | 009CALS.d          | S04         | 2019-12-30 14:17:58 |
| 5     | 010CALS.d          | S05         | 2019-12-30 14:20:56 |
| 6     | 011CALS.d          | S06         | 2019-12-30 14:23:56 |
| 7     | 012CALS.d          | S07         | 2019-12-30 14:26:54 |
| 8     | 013CALS.d          | S08         | 2019-12-30 14:29:54 |

**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      | 9.33      | 0.0000 | P   | 43.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.965      | 593.23    | 0.0006 | P   | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 49.780     | 31739.09  | 0.0290 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 131.071    | 86581.49  | 0.0764 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 265.469    | 171391.31 | 0.1547 | P   | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 499.517    | 325557.91 | 0.2910 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.626    | 662405.65 | 0.5800 | P   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 101.31    | 0.0001 | P   | 27.3 |

$$y = 5.8254\text{E-}004 * x + 9.0708\text{E-}006$$

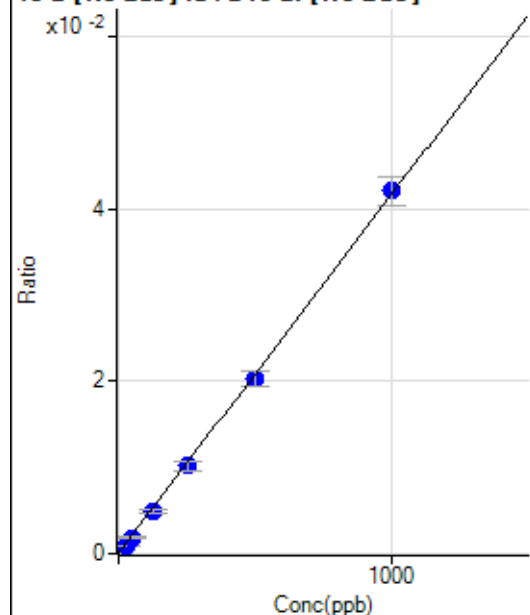
$$R = 0.9999$$

$$DL = 0.02037$$

$$BEC = 0.01557$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [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      | 67.99    | 0.0001 | P   | 15.7 |
| 2 | <input type="checkbox"/> | 25.000   | 19.601     | 915.18   | 0.0009 | P   | 10.2 |
| 3 | <input type="checkbox"/> | 50.000   | 43.229     | 2040.41  | 0.0019 | P   | 12.3 |
| 4 | <input type="checkbox"/> | 125.000  | 117.167    | 5603.97  | 0.0049 | P   | 6.1  |
| 5 | <input type="checkbox"/> | 250.000  | 244.303    | 11327.50 | 0.0102 | P   | 11.2 |
| 6 | <input type="checkbox"/> | 500.000  | 485.504    | 22668.30 | 0.0203 | P   | 8.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.125   | 48093.44 | 0.0421 | P   | 7.7  |
| 8 | <input type="checkbox"/> |          |            | 9442.53  | 0.0088 | P   | 7.4  |

$$y = 4.1618\text{E-}005 * x + 6.6180\text{E-}005$$

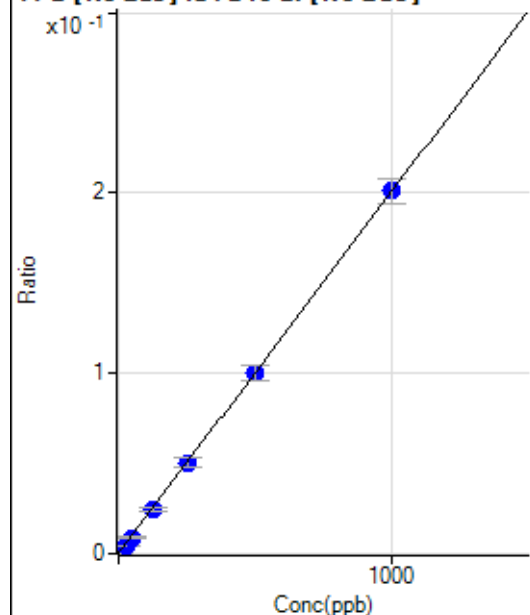
$$R = 0.9998$$

$$DL = 0.7479$$

$$BEC = 1.59$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [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      | 309.28    | 0.0003 | P    | 10.4 |
| 2 | <input type="checkbox"/> | 25.000   | 20.309     | 4535.15   | 0.0044 | P    | 8.4  |
| 3 | <input type="checkbox"/> | 50.000   | 43.032     | 9758.69   | 0.0089 | P    | 10.5 |
| 4 | <input type="checkbox"/> | 125.000  | 118.613    | 27286.60  | 0.0241 | P    | 9.0  |
| 5 | <input type="checkbox"/> | 250.000  | 249.824    | 55743.65  | 0.0504 | P    | 10.9 |
| 6 | <input type="checkbox"/> | 500.000  | 498.008    | 111895.58 | 0.1001 | P    | 8.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.304   | 229687.11 | 0.2011 | P    | 6.9  |
| 8 | <input type="checkbox"/> |          |            | 46035.44  | 0.0431 | P    | 6.7  |

$$y = 2.0034\text{E-}004 * x + 3.0147\text{E-}004$$

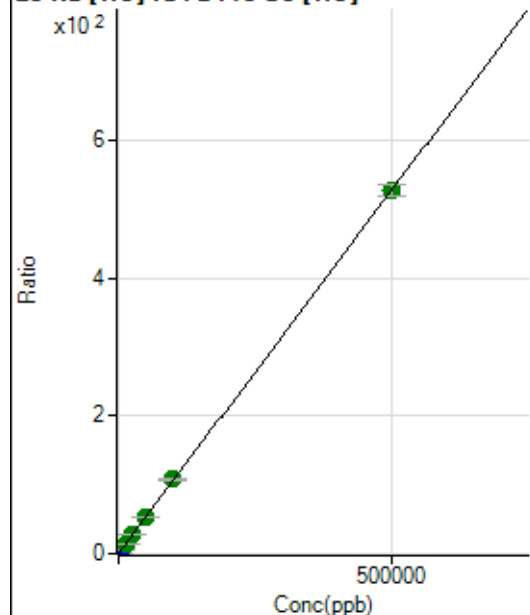
$$R = 1.0000$$

$$DL = 0.4697$$

$$BEC = 1.505$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [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      | 31367.55    | 0.2832   | P    | 1.2 |
| 2 | <input type="checkbox"/> | 500.000   | 515.436    | 92467.81    | 0.8272   | P    | 0.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5235.046   | 679555.54   | 5.8083   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13430.336  | 1733725.49  | 14.4576  | A    | 2.4 |
| 5 | <input type="checkbox"/> | 25000.000 | 26710.473  | 3447975.12  | 28.4735  | A    | 0.7 |
| 6 | <input type="checkbox"/> | 50000.000 | 49902.776  | 6442691.64  | 52.9508  | A    | 1.6 |
| 7 | <input type="checkbox"/> | 100000.00 | 102330.22  | 13221333.45 | 108.2829 | A    | 2.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 499432.53  | 61681820.82 | 527.3864 | A    | 3.4 |

$$y = 0.0011 * x + 0.2832$$

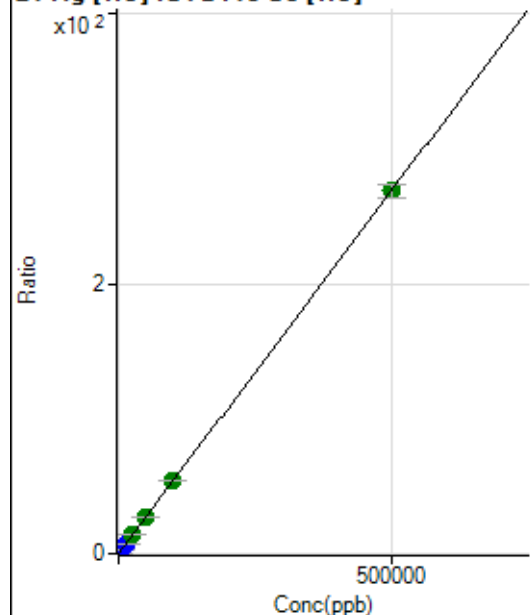
$$R = 1.0000$$

$$DL = 9.579$$

$$BEC = 268.3$$

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      | 113.89      | 0.0010   | P        | 18.6 |
| 2 | <input type="checkbox"/> | 500.000   | 524.423    | 31634.99    | 0.2830   | P        | 0.9  |
| 3 | <input type="checkbox"/> | 5000.000  | 5181.239   | 325995.49   | 2.7867   | P        | 1.9  |
| 4 | <input type="checkbox"/> | 12500.000 | 13338.004  | 860083.78   | 7.1721   | P        | 1.6  |
| 5 | <input type="checkbox"/> | 25000.000 | 26217.256  | 1706861.63  | 14.0965  | A        | 2.2  |
| 6 | <input type="checkbox"/> | 50000.000 | 49918.232  | 3265510.10  | 26.8392  | A        | 2.0  |
| 7 | <input type="checkbox"/> | 100000.00 | 100716.23  | 6612285.26  | 54.1503  | A        | 1.4  |
| 8 | <input type="checkbox"/> | 500000.00 | 499781.28  | 31425775.36 | 268.7047 | A        | 3.4  |

$$y = 5.3764\text{E-}004 * x + 0.0010$$

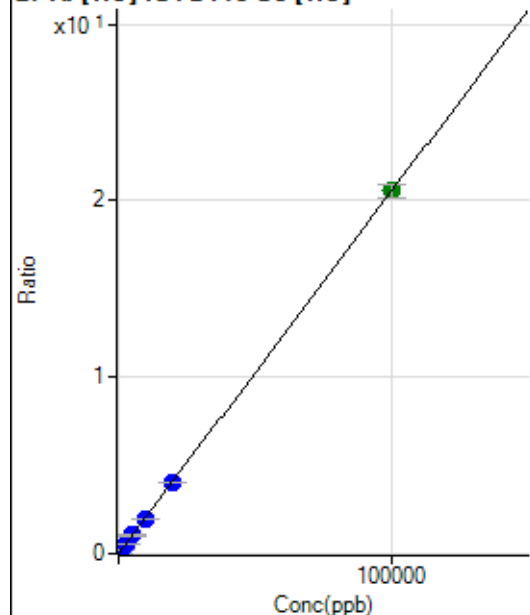
$$R = 1.0000$$

$$DL = 1.066$$

$$BEC = 1.913$$

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      | 281.12     | 0.0025  | P        | 17.4 |
| 2 | <input type="checkbox"/> | 20.000    | 19.462     | 730.03     | 0.0065  | P        | 9.1  |
| 3 | <input type="checkbox"/> | 1000.000  | 971.217    | 23615.96   | 0.2018  | P        | 1.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2558.024   | 63251.34   | 0.5275  | P        | 2.4  |
| 5 | <input type="checkbox"/> | 5000.000  | 5037.295   | 125482.73  | 1.0362  | P        | 0.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 9504.196   | 237634.92  | 1.9529  | P        | 1.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 19660.894  | 492954.75  | 4.0372  | P        | 2.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 100114.37  | 2403046.72 | 20.5470 | A        | 3.4  |

$$y = 2.0521\text{E-}004 * x + 0.0025$$

$$R = 1.0000$$

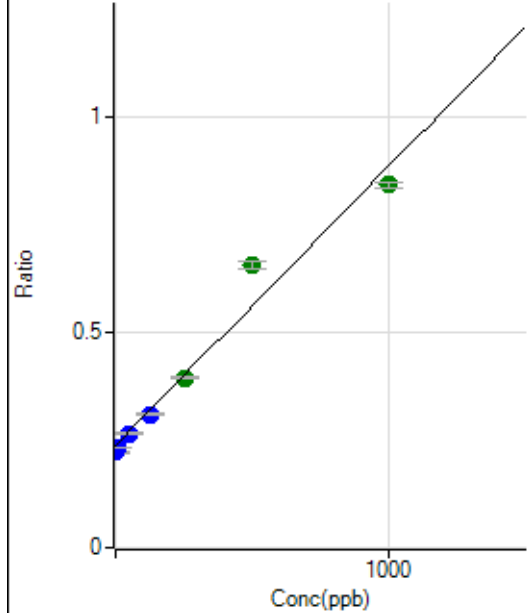
$$DL = 6.473$$

$$BEC = 12.38$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | -22.959    | 654351.38  | 0.2229 | P    | 2.1 |
| 2 | <input type="checkbox"/> | 10.000   | -11.289    | 676779.60  | 0.2304 | P    | 0.3 |
| 3 | <input type="checkbox"/> | 50.000   | 41.564     | 801099.22  | 0.2646 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 110.968    | 984740.99  | 0.3096 | P    | 2.1 |
| 5 | <input type="checkbox"/> | 250.000  | 239.558    | 1234035.29 | 0.3928 | A    | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 644.318    | 2074054.32 | 0.6549 | A    | 2.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 932.840    | 2659103.06 | 0.8417 | A    | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 876818.16  | 0.2836 | P    | 1.8 |

$$y = 6.474803E-004 * x + 0.237723$$

$$R = 0.9836$$

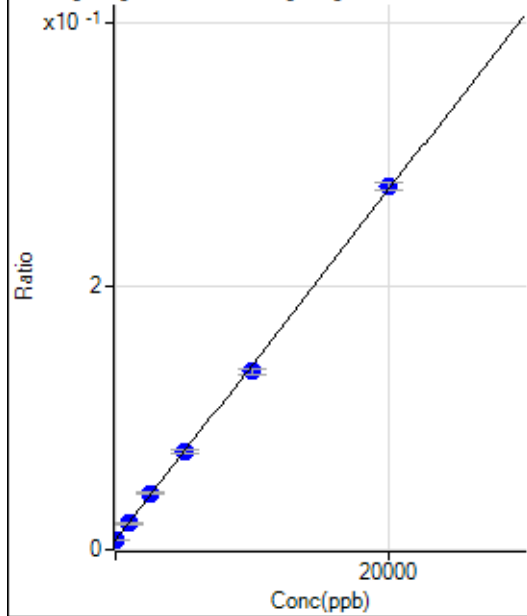
$$DL = 21.95$$

$$BEC = 367.2$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -38.666    | 758.37   | 0.0068 | P    | 6.6 |
| 2 | <input type="checkbox"/> | 0.000     | 38.666     | 880.61   | 0.0079 | P    | 2.0 |
| 3 | <input type="checkbox"/> | 1000.000  | 934.349    | 2316.92  | 0.0198 | P    | 6.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2681.255   | 5167.71  | 0.0431 | P    | 1.7 |
| 5 | <input type="checkbox"/> | 5000.000  | 5041.124   | 9022.49  | 0.0745 | P    | 3.4 |
| 6 | <input type="checkbox"/> | 10000.000 | 9626.116   | 16501.40 | 0.1356 | P    | 2.8 |
| 7 | <input type="checkbox"/> | 20000.000 | 20157.286  | 33692.58 | 0.2759 | P    | 2.2 |
| 8 | <input type="checkbox"/> |           |            | 769.48   | 0.0066 | P    | 9.2 |

$$y = 1.3323E-005 * x + 0.0074$$

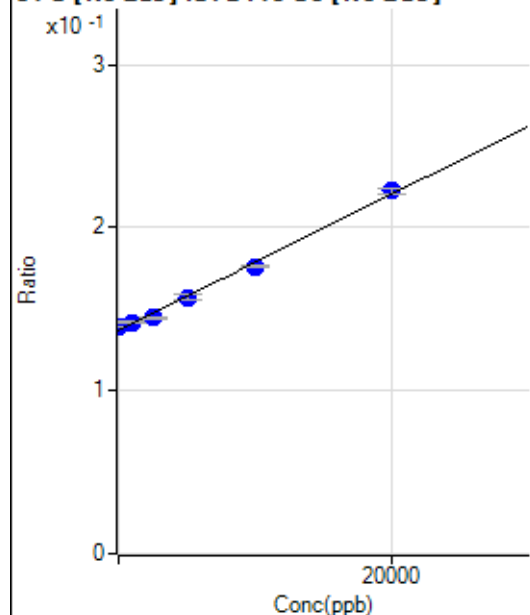
$$R = 0.9997$$

$$DL = 68.34$$

$$BEC = 552.8$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 438.469    | 408558.16 | 0.1391 | P        | 0.7 |
| 2 | <input type="checkbox"/> | 0.000     | 567.028    | 410220.63 | 0.1397 | P        | 0.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 1155.126   | 430198.89 | 0.1421 | P        | 0.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 1753.953   | 460051.28 | 0.1446 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 5000.000  | 4776.715   | 493747.88 | 0.1572 | P        | 2.1 |
| 6 | <input type="checkbox"/> | 10000.000 | 9334.777   | 557993.73 | 0.1762 | P        | 0.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 20473.932  | 703126.64 | 0.2226 | P        | 1.5 |
| 8 | <input type="checkbox"/> |           |            | 385106.79 | 0.1246 | P        | 1.7 |

$$y = 4.165504\text{E-}006 * x + 0.137300$$

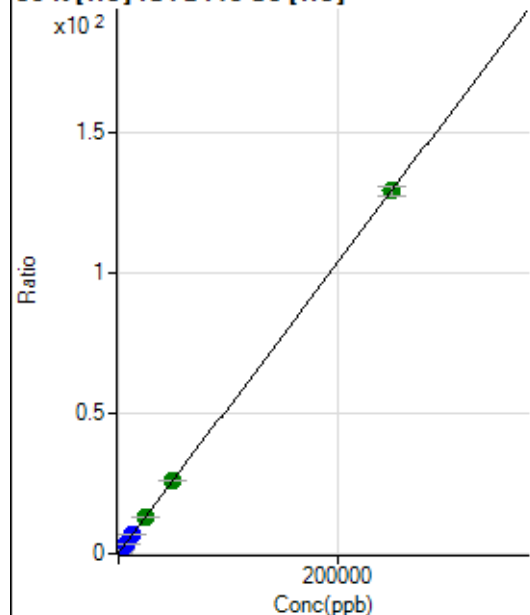
$$R = 0.9972$$

$$DL = 446.5$$

$$BEC = 3.296\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

**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      | 22812.99    | 0.2060   | P        | 1.7 |
| 2 | <input type="checkbox"/> | 500.000   | 494.776    | 51484.13    | 0.4609   | P        | 3.8 |
| 3 | <input type="checkbox"/> | 2500.000  | 2464.868   | 172685.81   | 1.4760   | P        | 1.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6483.742   | 425346.12   | 3.5469   | P        | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12835.545  | 825725.47   | 6.8198   | P        | 1.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 24562.913  | 1565079.10  | 12.8625  | A        | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 50105.330  | 3177644.80  | 26.0238  | A        | 2.1 |
| 8 | <input type="checkbox"/> | 250000.00 | 250000.38  | 15092682.46 | 129.0241 | A        | 2.7 |

$$y = 5.1527\text{E-}004 * x + 0.2060$$

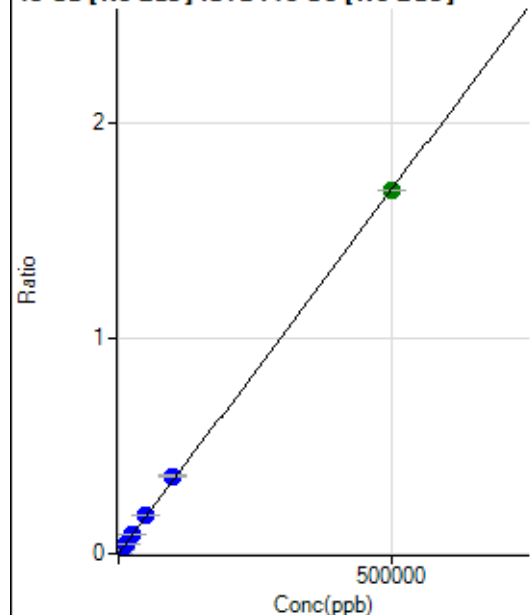
$$R = 1.0000$$

$$DL = 20.27$$

$$BEC = 399.7$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1230.64    | 0.0004 | P    | 7.3 |
| 2 | <input type="checkbox"/> | 500.000   | 487.846    | 6073.66    | 0.0021 | P    | 6.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 5191.899   | 54398.03   | 0.0180 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 13544.626  | 146980.62  | 0.0462 | P    | 2.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 27118.885  | 289254.17  | 0.0921 | P    | 2.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 52259.516  | 560843.92  | 0.1771 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 106560.06  | 1139146.62 | 0.3606 | P    | 2.2 |
| 8 | <input type="checkbox"/> | 500000.00 | 498328.06  | 5210409.58 | 1.6850 | A    | 0.1 |

$$y = 3.3805E-006 * x + 4.1874E-004$$

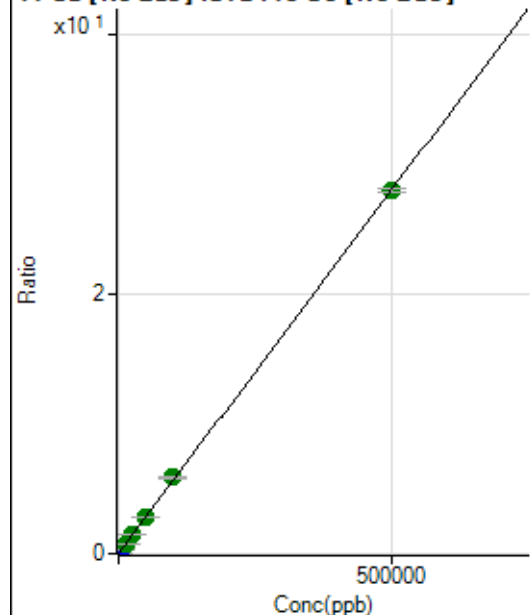
$$R = 0.9999$$

$$DL = 27.16$$

$$BEC = 123.9$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 46096.88    | 0.0157  | P    | 2.1 |
| 2 | <input type="checkbox"/> | 500.000   | 489.653    | 126560.27   | 0.0431  | P    | 1.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5091.825   | 909764.75   | 0.3005  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 12500.000 | 13455.208  | 2444281.37  | 0.7683  | A    | 1.3 |
| 5 | <input type="checkbox"/> | 25000.000 | 26666.886  | 4734215.21  | 1.5074  | A    | 2.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 50969.752  | 9079324.86  | 2.8668  | A    | 0.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 104352.82  | 18488522.12 | 5.8528  | A    | 1.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 498924.32  | 86339644.29 | 27.9238 | A    | 1.2 |

$$y = 5.5936E-005 * x + 0.0157$$

$$R = 1.0000$$

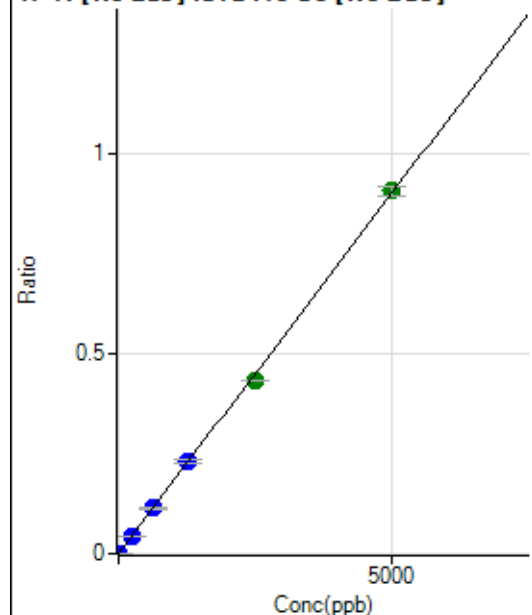
$$DL = 17.89$$

$$BEC = 280.6$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 972.29     | 0.0003 | P    | 19.2 |
| 2 | <input type="checkbox"/> | 10.000   | 5.124      | 3678.35    | 0.0013 | P    | 1.1  |
| 3 | <input type="checkbox"/> | 250.000  | 245.446    | 134608.70  | 0.0445 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 625.000  | 630.247    | 361528.15  | 0.1137 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1285.115   | 726827.24  | 0.2314 | P    | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2401.557   | 1368708.57 | 0.4322 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5040.024   | 2863992.06 | 0.9066 | A    | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 1308.43    | 0.0004 | P    | 13.1 |

$$y = 1.7981\text{E-}004 * x + 3.3092\text{E-}004$$

$$R = 0.9997$$

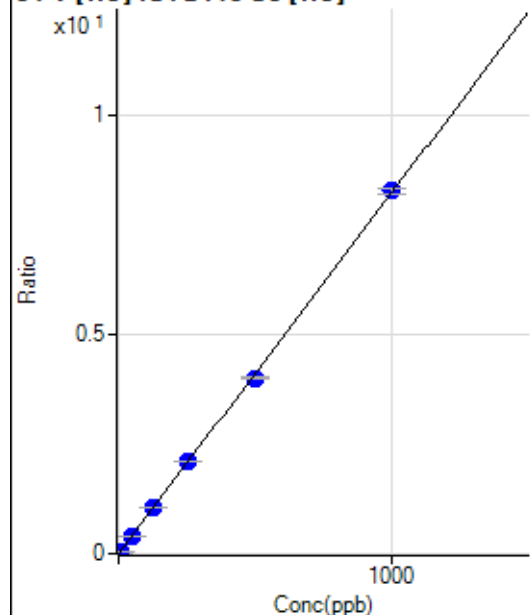
$$DL = 1.058$$

$$BEC = 1.84$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [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      | 21.11      | 0.0002 | P    | 17.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.253      | 4856.42    | 0.0435 | P    | 7.4  |
| 3 | <input type="checkbox"/> | 50.000   | 49.344     | 47615.78   | 0.4071 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 125.000  | 129.069    | 127651.06  | 1.0645 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 255.623    | 255246.21  | 2.1080 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 485.784    | 487429.57  | 4.0059 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.225   | 1012161.30 | 8.2890 | P    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 378.90     | 0.0032 | P    | 10.6 |

$$y = 0.0082 * x + 1.9030\text{E-}004$$

$$R = 0.9998$$

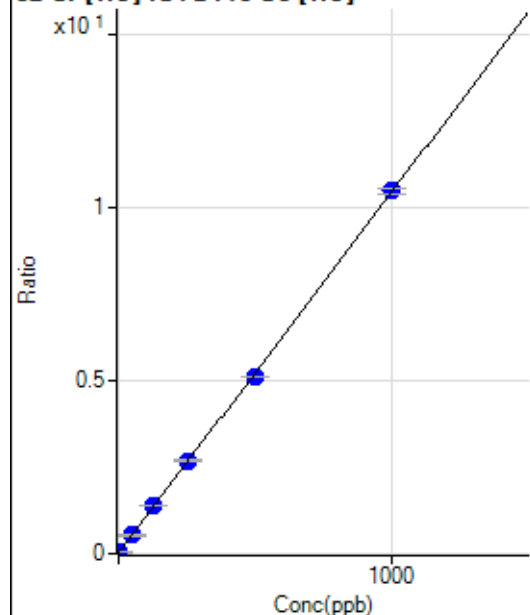
$$DL = 0.01187$$

$$BEC = 0.02308$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1804.58    | 0.0163  | P        | 5.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.800      | 3919.47    | 0.0351  | P        | 2.7 |
| 3 | <input type="checkbox"/> | 50.000   | 49.244     | 61957.80   | 0.5296  | P        | 1.8 |
| 4 | <input type="checkbox"/> | 125.000  | 131.081    | 165815.71  | 1.3827  | P        | 2.0 |
| 5 | <input type="checkbox"/> | 250.000  | 255.624    | 324651.97  | 2.6810  | P        | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 487.431    | 620292.66  | 5.0975  | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.157   | 1280207.72 | 10.4841 | P        | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 34896.97   | 0.2983  | P        | 2.6 |

$$y = 0.0104 * x + 0.0163$$

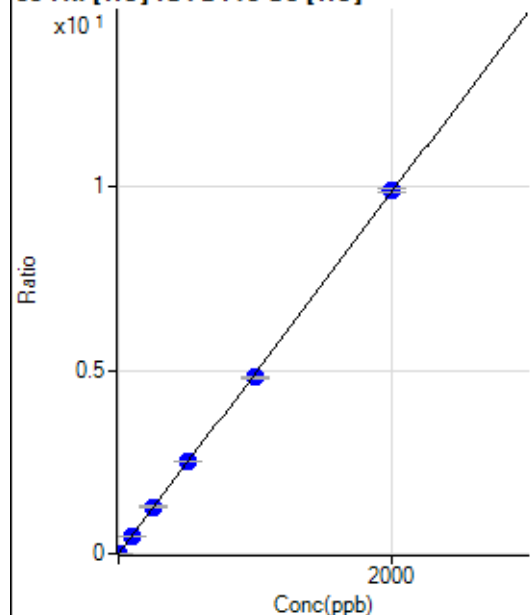
$$R = 0.9998$$

$$DL = 0.2327$$

$$BEC = 1.563$$

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      | 121.12     | 0.0011 | P        | 11.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.063      | 707.81     | 0.0063 | P        | 6.4  |
| 3 | <input type="checkbox"/> | 100.000  | 99.381     | 57371.51   | 0.4904 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 260.500    | 153939.78  | 1.2837 | P        | 1.6  |
| 5 | <input type="checkbox"/> | 500.000  | 511.771    | 305255.98  | 2.5208 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 1000.000 | 974.355    | 583885.39  | 4.7984 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 2000.000 | 2008.598   | 1207742.59 | 9.8906 | P        | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 4577.45    | 0.0391 | P        | 4.7  |

$$y = 0.0049 * x + 0.0011$$

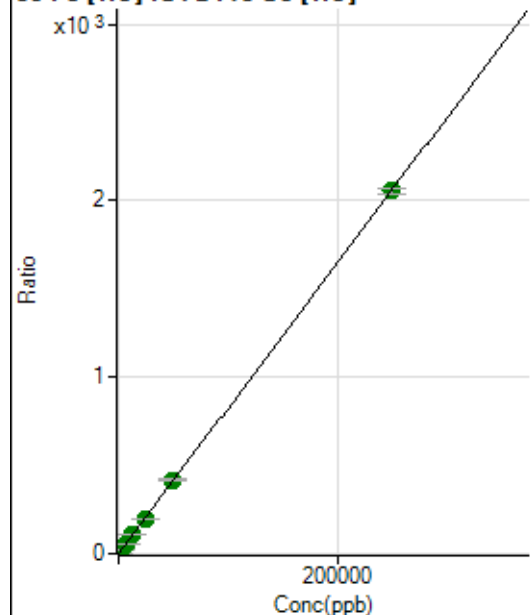
$$R = 0.9998$$

$$DL = 0.0745$$

$$BEC = 0.2221$$

Weight: &lt;None&gt;

Min Conc: 0

**56 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      | 3689.43     | 0.0333    | P   | 1.5 |
| 2 | <input type="checkbox"/> | 50.000    | 52.753     | 52189.87    | 0.4672    | P   | 3.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2531.396   | 2439437.09  | 20.8517   | A   | 1.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 6611.855   | 6524554.78  | 54.4098   | A   | 2.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12806.075  | 12756228.29 | 105.3516  | A   | 1.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 24365.282  | 24387169.06 | 200.4156  | A   | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 50565.379  | 50778759.00 | 415.8876  | A   | 3.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249925.73  | 240465179.4 | 2,055.445 | A   | 1.5 |

$$y = 0.0082 * x + 0.0333$$

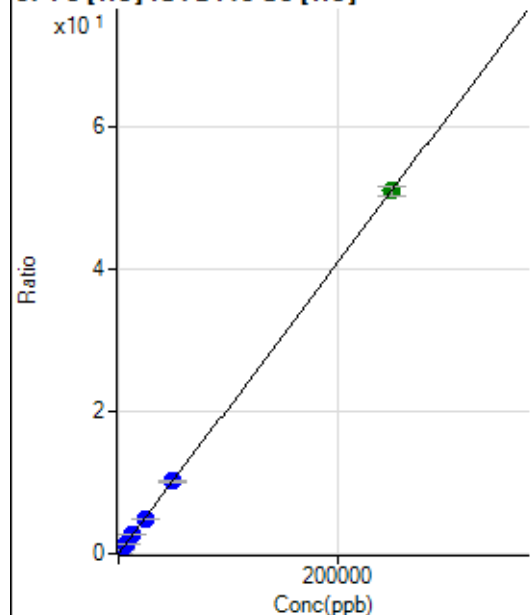
$$R = 1.0000$$

$$DL = 0.188$$

$$BEC = 4.05$$

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      | 174.08     | 0.0016  | P   | 9.9 |
| 2 | <input type="checkbox"/> | 50.000    | 52.037     | 1363.06    | 0.0122  | P   | 2.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2468.054   | 59085.35   | 0.5051  | P   | 2.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6505.574   | 159356.28  | 1.3288  | P   | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12739.051  | 314882.75  | 2.6006  | P   | 1.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 24345.199  | 604573.23  | 4.9684  | P   | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 49950.843  | 1244525.16 | 10.1925 | P   | 2.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 250057.28  | 5967347.59 | 51.0179 | A   | 2.7 |

$$y = 2.0402E-004 * x + 0.0016$$

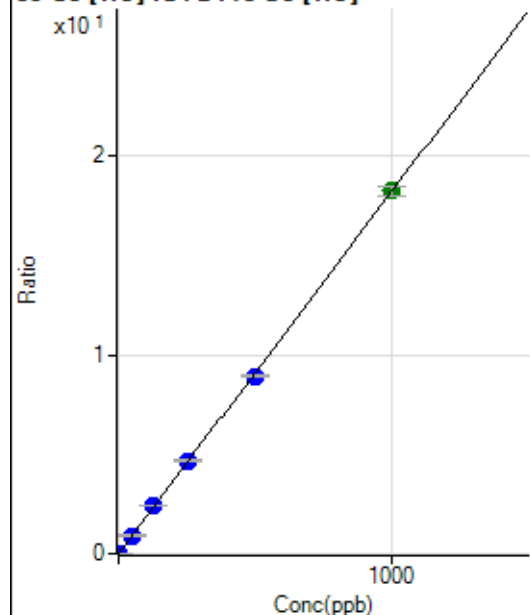
$$R = 1.0000$$

$$DL = 2.299$$

$$BEC = 7.707$$

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      | 47.78      | 0.0004  | P    | 33.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.973      | 2026.83    | 0.0181  | P    | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 50.433     | 107468.95  | 0.9188  | P    | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 131.307    | 286789.64  | 2.3915  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 256.938    | 566587.57  | 4.6792  | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 489.314    | 1084252.65 | 8.9106  | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.799   | 2229705.42 | 18.2609 | A    | 2.7  |
| 8 | <input type="checkbox"/> |          |            | 3732.75    | 0.0319  | P    | 3.2  |

$$y = 0.0182 * x + 4.3057E-004$$

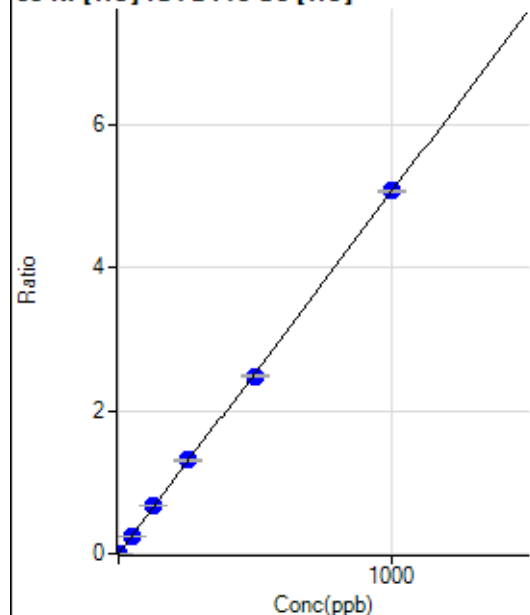
$$R = 0.9999$$

$$DL = 0.02381$$

$$BEC = 0.02365$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [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      | 72.22     | 0.0007 | P    | 36.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.103      | 697.80    | 0.0062 | P    | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 49.833     | 29628.64  | 0.2532 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 131.632    | 80088.39  | 0.6678 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 259.317    | 159221.78 | 1.3150 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 489.113    | 301725.89 | 2.4797 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.293   | 620441.29 | 5.0807 | P    | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 11896.18  | 0.1017 | P    | 1.3  |

$$y = 0.0051 * x + 6.5390E-004$$

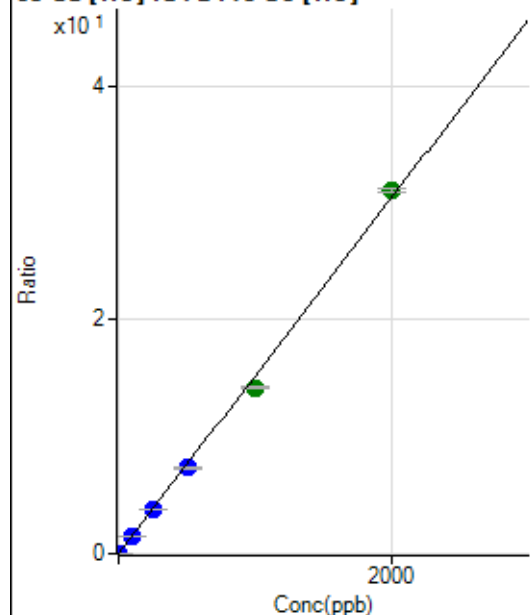
$$R = 0.9998$$

$$DL = 0.1414$$

$$BEC = 0.129$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [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      | 226.67     | 0.0020  | P    | 20.7 |
| 2 | <input type="checkbox"/> | 2.000    | 1.899      | 3461.57    | 0.0309  | P    | 4.3  |
| 3 | <input type="checkbox"/> | 100.000  | 95.318     | 169855.58  | 1.4519  | P    | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 248.727    | 453951.00  | 3.7855  | P    | 2.0  |
| 5 | <input type="checkbox"/> | 500.000  | 482.636    | 889126.23  | 7.3435  | P    | 2.1  |
| 6 | <input type="checkbox"/> | 1000.000 | 931.176    | 1723720.35 | 14.1664 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 2000.000 | 2039.146   | 3788019.94 | 31.0199 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 6918.43    | 0.0591  | P    | 1.9  |

$$y = 0.0152 * x + 0.0020$$

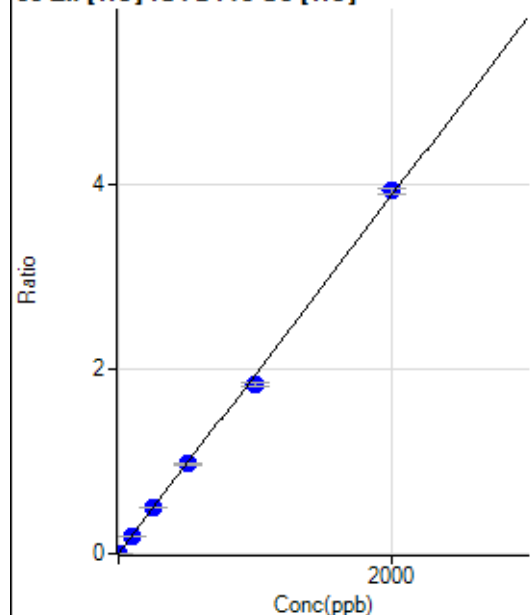
$$R = 0.9991$$

$$DL = 0.08385$$

$$BEC = 0.1347$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 386.68    | 0.0035 | P    | 6.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.873      | 795.59    | 0.0071 | P    | 6.9 |
| 3 | <input type="checkbox"/> | 100.000  | 96.803     | 22339.91  | 0.1910 | P    | 2.1 |
| 4 | <input type="checkbox"/> | 250.000  | 256.295    | 59949.58  | 0.4999 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 500.000  | 499.839    | 117645.66 | 0.9716 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 1000.000 | 944.649    | 223037.57 | 1.8331 | P    | 1.8 |
| 7 | <input type="checkbox"/> | 2000.000 | 2027.089   | 479817.99 | 3.9295 | P    | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 7447.59   | 0.0637 | P    | 2.1 |

$$y = 0.0019 * x + 0.0035$$

$$R = 0.9994$$

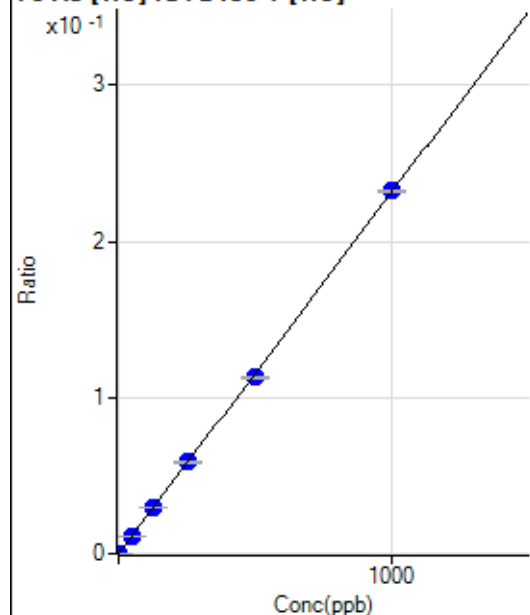
$$DL = 0.3253$$

$$BEC = 1.803$$

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      | 1.33      | 0.0000 | P        | 114. |
| 2 | <input type="checkbox"/> | 1.000    | 1.062      | 160.35    | 0.0002 | P        | 8.5  |
| 3 | <input type="checkbox"/> | 50.000   | 49.280     | 7647.18   | 0.0114 | P        | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 129.067    | 20756.94  | 0.0299 | P        | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 253.907    | 40761.51  | 0.0587 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 487.829    | 78432.93  | 0.1128 | P        | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.637   | 163545.37 | 0.2323 | P        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 80.34     | 0.0001 | P        | 17.5 |

$$y = 2.3126E-004 * x + 2.0891E-006$$

$$R = 0.9999$$

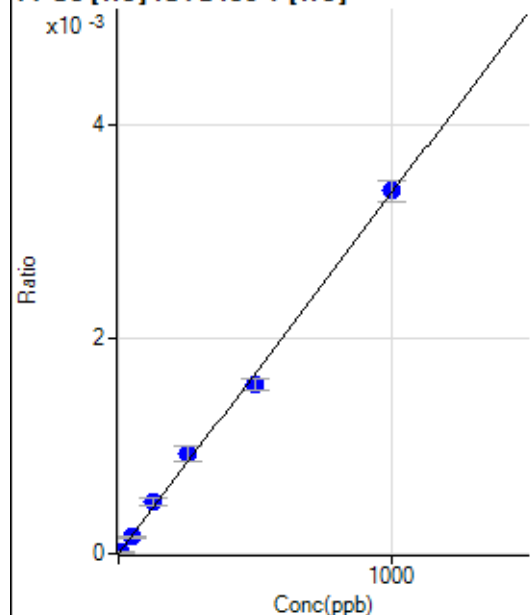
$$DL = 0.03097$$

$$BEC = 0.009033$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 5.000    | 4.053      | 8.89    | 0.0000 | P        | 76.4 |
| 3 | <input type="checkbox"/> | 50.000   | 46.771     | 105.56  | 0.0002 | P        | 16.3 |
| 4 | <input type="checkbox"/> | 125.000  | 143.696    | 335.56  | 0.0005 | P        | 11.9 |
| 5 | <input type="checkbox"/> | 250.000  | 276.899    | 645.58  | 0.0009 | P        | 14.7 |
| 6 | <input type="checkbox"/> | 500.000  | 469.960    | 1097.83 | 0.0016 | P        | 6.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.125   | 2379.12 | 0.0034 | P        | 6.1  |
| 8 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P        | 86.6 |

$$y = 3.3602E-006 * x + 0.0000E+000$$

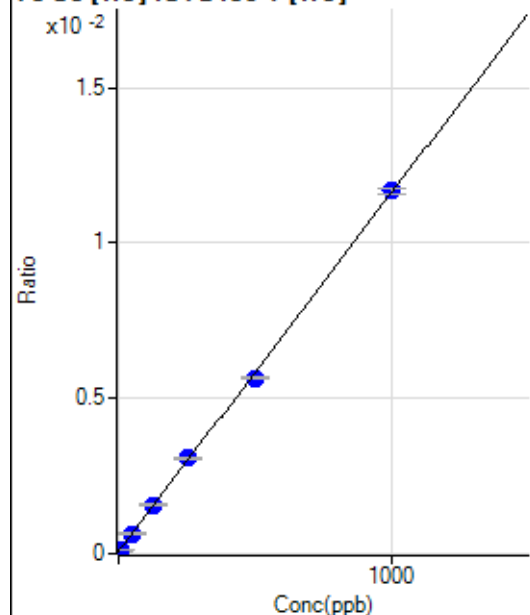
$$R = 0.9988$$

$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.00   | 0.0001 | P   | 20.6 |
| 2 | <input type="checkbox"/> | 5.000    | 4.485      | 81.34   | 0.0001 | P   | 10.8 |
| 3 | <input type="checkbox"/> | 50.000   | 49.696     | 434.05  | 0.0006 | P   | 3.4  |
| 4 | <input type="checkbox"/> | 125.000  | 130.079    | 1094.49 | 0.0016 | P   | 5.1  |
| 5 | <input type="checkbox"/> | 250.000  | 260.233    | 2135.38 | 0.0031 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 483.426    | 3928.95 | 0.0057 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.112   | 8214.22 | 0.0117 | P   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 59.01   | 0.0001 | P   | 2.8  |

$$y = 1.1538\text{E-}005 * x + 7.3624\text{E-}005$$

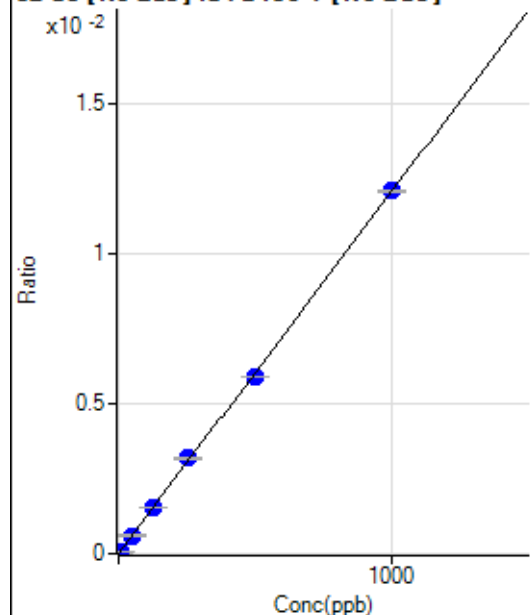
$$R = 0.9997$$

$$DL = 3.945$$

$$BEC = 6.381$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.45    | 0.0000 | P   | 294. |
| 2 | <input type="checkbox"/> | 5.000    | 4.871      | 297.47   | 0.0001 | P   | 2.3  |
| 3 | <input type="checkbox"/> | 50.000   | 49.792     | 2924.87  | 0.0006 | P   | 5.2  |
| 4 | <input type="checkbox"/> | 125.000  | 128.530    | 7909.68  | 0.0016 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 263.424    | 15728.06 | 0.0032 | P   | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 488.276    | 29869.96 | 0.0059 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.076   | 61972.86 | 0.0121 | P   | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 121.20   | 0.0000 | P   | 66.7 |

$$y = 1.2044\text{E-}005 * x + 4.4047\text{E-}006$$

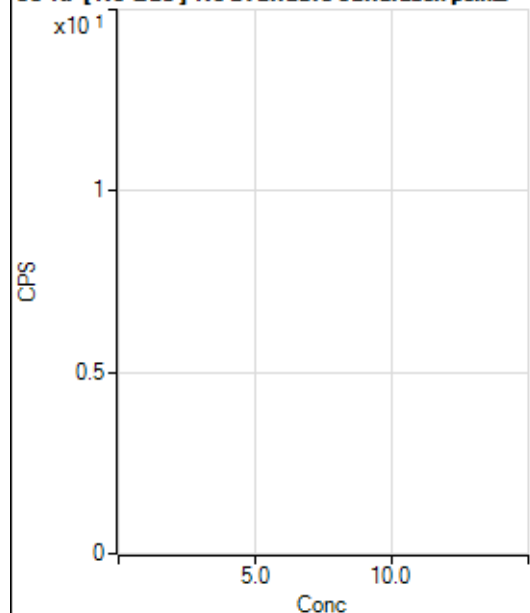
$$R = 0.9998$$

$$DL = 3.226$$

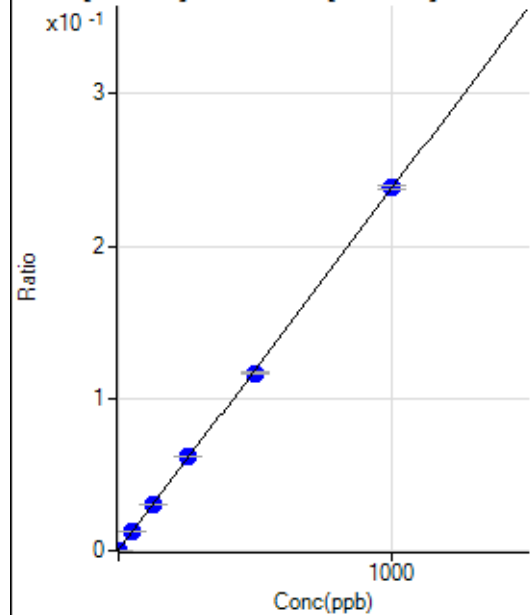
$$BEC = 0.3657$$

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"/> |       |            | 1165.62 |       | P        | 4.4 |
| 2 | <input type="checkbox"/> |       |            | 1206.73 |       | P        | 2.5 |
| 3 | <input type="checkbox"/> |       |            | 1163.39 |       | P        | 4.5 |
| 4 | <input type="checkbox"/> |       |            | 1172.28 |       | P        | 2.0 |
| 5 | <input type="checkbox"/> |       |            | 1154.50 |       | P        | 6.7 |
| 6 | <input type="checkbox"/> |       |            | 1142.28 |       | P        | 3.1 |
| 7 | <input type="checkbox"/> |       |            | 1200.06 |       | P        | 3.6 |
| 8 | <input type="checkbox"/> |       |            | 1272.29 |       | P        | 7.5 |

**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      | 1858.50    | 0.0004 | P        | 10.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.862      | 2875.36    | 0.0006 | P        | 2.2  |
| 3 | <input type="checkbox"/> | 50.000   | 49.478     | 58805.17   | 0.0121 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 126.512    | 154958.91  | 0.0304 | P        | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 259.498    | 306777.45  | 0.0620 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 490.435    | 592535.02  | 0.1167 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.245   | 1222369.61 | 0.2382 | P        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 4812.07    | 0.0010 | P        | 3.8  |

$$y = 2.3721\text{E-}004 * x + 4.0517\text{E-}004$$

$$R = 0.9999$$

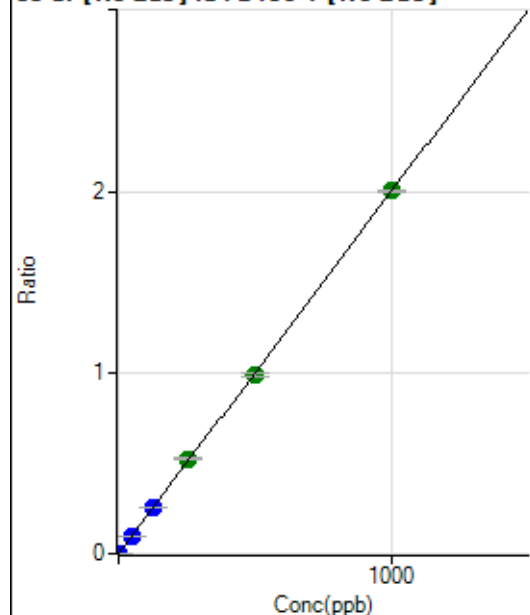
$$DL = 0.5122$$

$$BEC = 1.708$$

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      | 38.89       | 0.0000 | P   | 25.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.985      | 9336.72     | 0.0020 | P   | 2.6  |
| 3 | <input type="checkbox"/> | 50.000   | 49.819     | 482654.57   | 0.0996 | P   | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 129.000    | 1314607.57  | 0.2580 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 260.796    | 2582465.44  | 0.5216 | A   | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 491.736    | 4991555.75  | 0.9835 | A   | 2.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.942   | 10275451.96 | 2.0019 | A   | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 21800.84    | 0.0044 | P   | 2.2  |

$$y = 0.0020 * x + 8.4829E-006$$

$$R = 0.9999$$

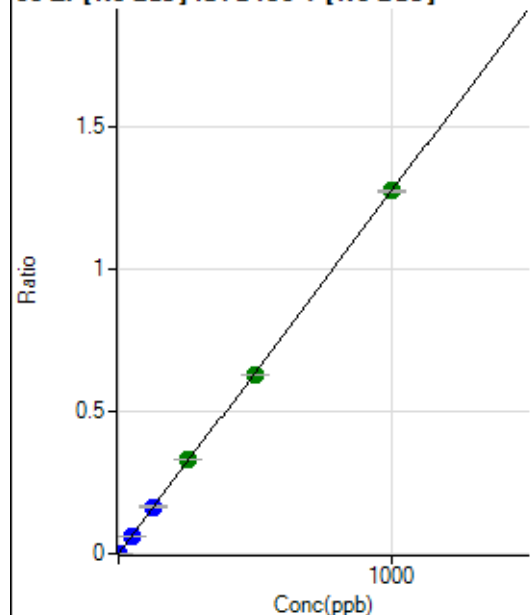
$$DL = 0.003234$$

$$BEC = 0.004241$$

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      | 280.57     | 0.0001 | P   | 14.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.950      | 5984.79    | 0.0013 | P   | 4.7  |
| 3 | <input type="checkbox"/> | 50.000   | 49.819     | 307051.31  | 0.0634 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 129.524    | 839352.28  | 0.1647 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 260.911    | 1642974.53 | 0.3318 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 492.695    | 3179599.07 | 0.6265 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.369   | 6528604.31 | 1.2719 | A   | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 1894.63    | 0.0004 | P   | 10.5 |

$$y = 0.0013 * x + 6.1177E-005$$

$$R = 0.9999$$

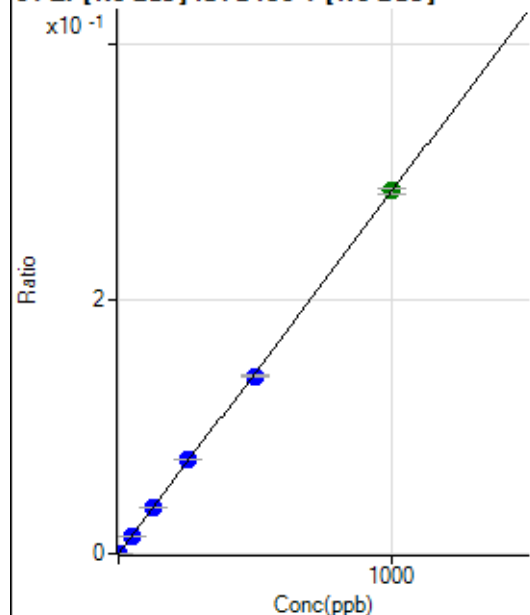
$$DL = 0.02117$$

$$BEC = 0.04812$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.00      | 0.0000 | P   | 39.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.926      | 1319.55    | 0.0003 | P   | 8.8  |
| 3 | <input type="checkbox"/> | 50.000   | 49.758     | 68653.49   | 0.0142 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 127.309    | 184661.06  | 0.0362 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 260.622    | 367285.92  | 0.0742 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 490.349    | 708249.67  | 0.1395 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.894   | 1463302.40 | 0.2851 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 411.13     | 0.0001 | P   | 11.5 |

$$y = 2.8454E-004 * x + 1.6339E-005$$

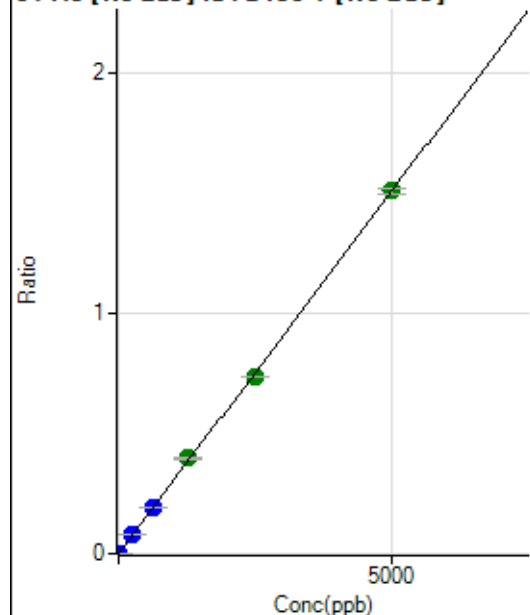
$$R = 0.9999$$

$$DL = 0.06861$$

$$BEC = 0.05742$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67      | 0.0000 | P   | 39.3 |
| 2 | <input type="checkbox"/> | 10.000   | 4.978      | 7165.92    | 0.0015 | P   | 2.4  |
| 3 | <input type="checkbox"/> | 250.000  | 253.241    | 369611.51  | 0.0763 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 644.327    | 989093.38  | 0.1941 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1317.423   | 1964765.87 | 0.3969 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2444.879   | 3738291.27 | 0.7365 | A   | 0.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.137   | 7743645.40 | 1.5087 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 4984.35    | 0.0010 | P   | 5.2  |

$$y = 3.0125E-004 * x + 1.9964E-005$$

$$R = 0.9998$$

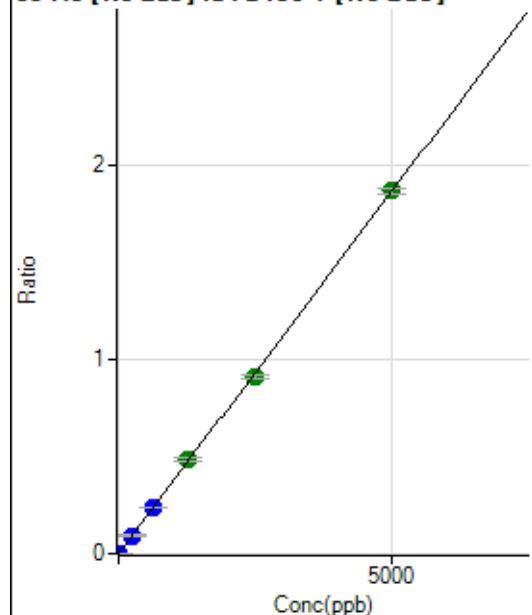
$$DL = 0.07815$$

$$BEC = 0.06627$$

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      | 8.33       | 0.0000 | P        | 100. |
| 2 | <input type="checkbox"/> | 10.000   | 5.148      | 9069.89    | 0.0019 | P        | 4.8  |
| 3 | <input type="checkbox"/> | 250.000  | 252.133    | 455844.36  | 0.0941 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 625.000  | 640.462    | 1218164.25 | 0.2391 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1307.710   | 2416418.76 | 0.4881 | A        | 3.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2443.152   | 4628918.46 | 0.9120 | A        | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5011.966   | 9602534.50 | 1.8709 | A        | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 6988.08    | 0.0014 | P        | 2.7  |

$$y = 3.7328\text{E-}004 * x + 1.8096\text{E-}006$$

$$R = 0.9998$$

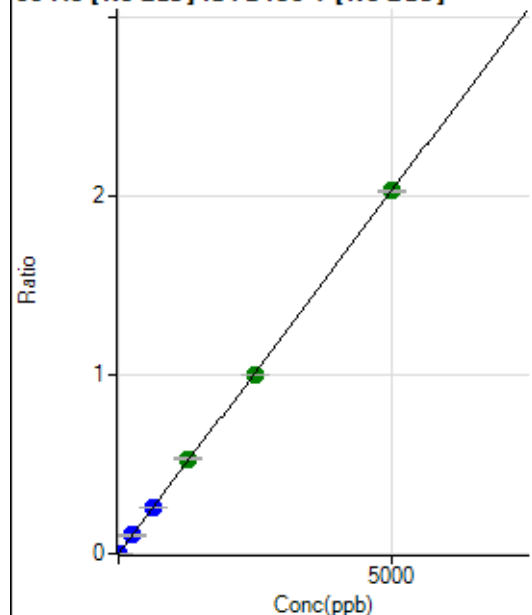
$$DL = 0.01455$$

$$BEC = 0.004848$$

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      | 94.45       | 0.0000 | P        | 22.1 |
| 2 | <input type="checkbox"/> | 10.000   | 5.145      | 9951.08     | 0.0021 | P        | 2.8  |
| 3 | <input type="checkbox"/> | 250.000  | 252.051    | 495822.24   | 0.1024 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 625.000  | 644.297    | 1333192.61  | 0.2617 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1310.234   | 2633975.67  | 0.5321 | A        | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2461.679   | 5073772.55  | 0.9996 | A        | 0.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5001.597   | 10425472.54 | 2.0310 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 8555.66     | 0.0017 | P        | 1.7  |

$$y = 4.0608\text{E-}004 * x + 2.0581\text{E-}005$$

$$R = 0.9999$$

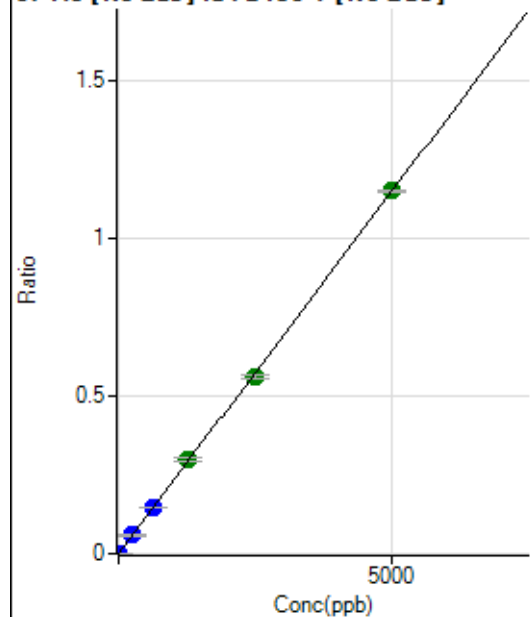
$$DL = 0.03358$$

$$BEC = 0.05068$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89      | 0.0000 | P    | 34.2 |
| 2 | <input type="checkbox"/> | 10.000   | 5.051      | 5481.80    | 0.0012 | P    | 3.8  |
| 3 | <input type="checkbox"/> | 250.000  | 253.961    | 282336.77  | 0.0583 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 625.000  | 644.087    | 753269.47  | 0.1478 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1299.197   | 1476264.90 | 0.2982 | A    | 3.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2445.909   | 2849638.26 | 0.5614 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5012.172   | 5905305.12 | 1.1505 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 4556.43    | 0.0009 | P    | 4.2  |

$$y = 2.2954E-004 * x + 3.0227E-006$$

$$R = 0.9999$$

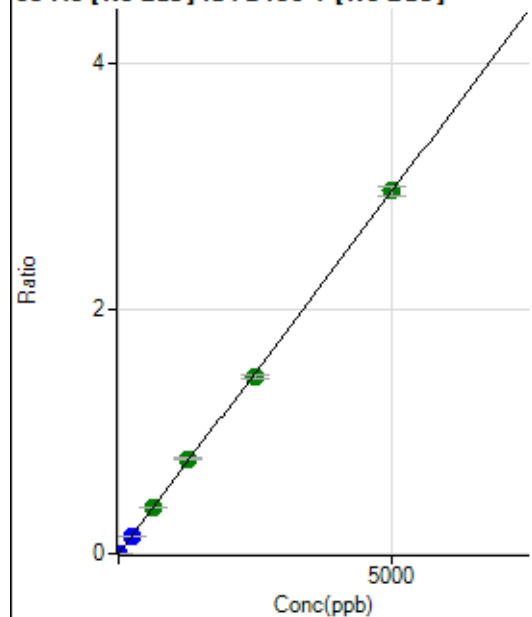
$$DL = 0.01352$$

$$BEC = 0.01317$$

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. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P    | 49.7 |
| 2 | <input type="checkbox"/> | 10.000   | 5.052      | 14121.43    | 0.0030 | P    | 0.7  |
| 3 | <input type="checkbox"/> | 250.000  | 250.163    | 716307.25   | 0.1479 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 625.000  | 642.008    | 1933580.75  | 0.3795 | A    | 2.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1306.117   | 3822735.15  | 0.7721 | A    | 2.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2446.171   | 7339835.84  | 1.4461 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5010.761   | 15203127.95 | 2.9622 | A    | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 11557.93    | 0.0023 | P    | 5.4  |

$$y = 5.9116E-004 * x + 7.2516E-006$$

$$R = 0.9998$$

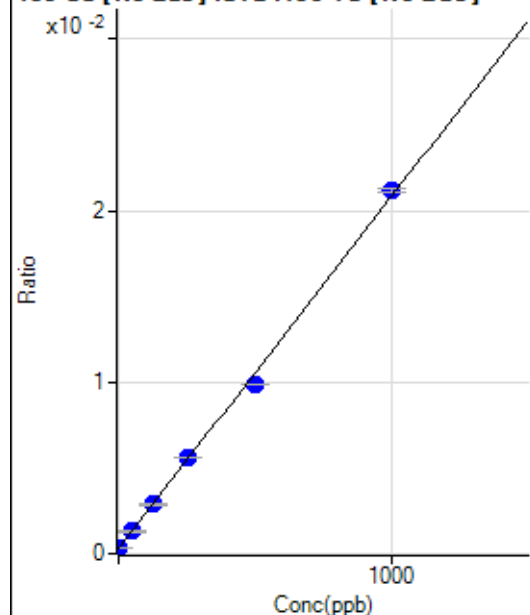
$$DL = 0.01827$$

$$BEC = 0.01227$$

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      | 1269.54  | 0.0003 | P   | 7.3 |
| 2 | <input type="checkbox"/> | 1.000    | 2.035      | 1466.80  | 0.0003 | P   | 4.3 |
| 3 | <input type="checkbox"/> | 50.000   | 48.350     | 5695.78  | 0.0013 | P   | 3.8 |
| 4 | <input type="checkbox"/> | 125.000  | 124.739    | 13420.73 | 0.0029 | P   | 5.1 |
| 5 | <input type="checkbox"/> | 250.000  | 258.452    | 25190.26 | 0.0056 | P   | 1.9 |
| 6 | <input type="checkbox"/> | 500.000  | 464.113    | 46297.87 | 0.0098 | P   | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.945   | 98906.18 | 0.0211 | P   | 0.9 |
| 8 | <input type="checkbox"/> |          |            | 1516.79  | 0.0003 | P   | 1.3 |

$$y = 2.0515E-005 * x + 3.0198E-004$$

R = 0.9990

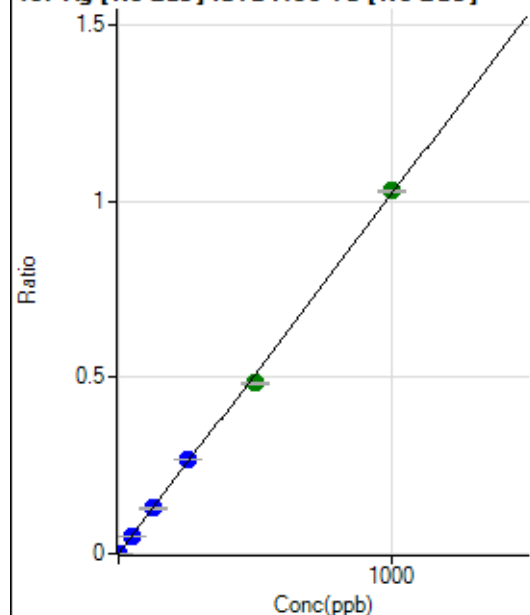
DL = 3.222

BEC = 14.72

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      | 16.67      | 0.0000 | P   | 100. |
| 2 | <input type="checkbox"/> | 1.000    | 1.061      | 4637.02    | 0.0011 | P   | 0.4  |
| 3 | <input type="checkbox"/> | 50.000   | 49.976     | 224532.74  | 0.0510 | P   | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 126.438    | 605484.72  | 0.1290 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 250.000  | 262.201    | 1202889.99 | 0.2676 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 475.546    | 2287456.37 | 0.4853 | A   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.998   | 4817533.79 | 1.0297 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 775.04     | 0.0002 | P   | 6.3  |

$$y = 0.0010 * x + 3.9401E-006$$

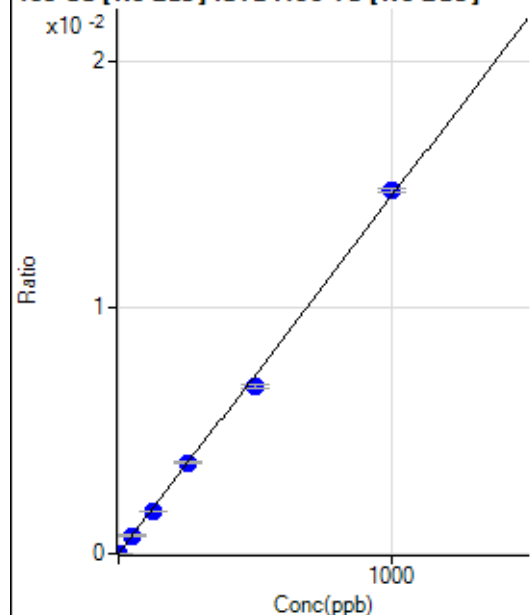
R = 0.9995

DL = 0.01168

BEC = 0.003861

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      | 4.17     | 0.0000 | P    | 99.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.672      | 45.83    | 0.0000 | P    | 9.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.320     | 3218.48  | 0.0007 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 125.000  | 120.107    | 8183.07  | 0.0017 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 255.259    | 16651.84 | 0.0037 | P    | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 467.954    | 32010.79 | 0.0068 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.304   | 68923.80 | 0.0147 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 48.61    | 0.0000 | P    | 36.0 |

$$y = 1.4510E-005 * x + 9.9891E-007$$

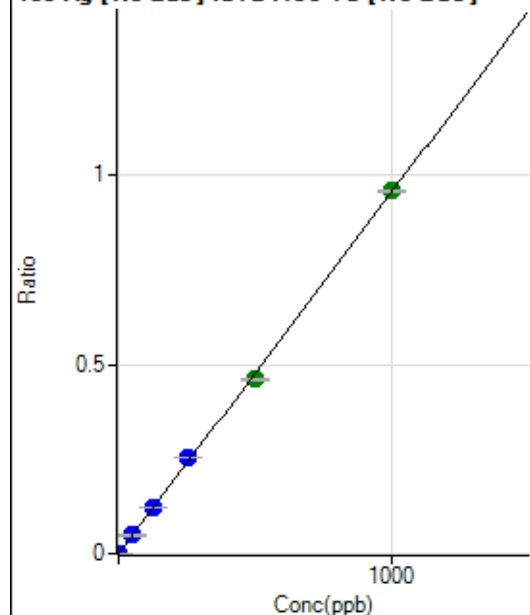
$$R = 0.9992$$

$$DL = 0.2053$$

$$BEC = 0.06884$$

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      | 2.78       | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 1.000    | 1.084      | 4417.50    | 0.0010 | P    | 9.6  |
| 3 | <input type="checkbox"/> | 50.000   | 50.621     | 212953.18  | 0.0484 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 128.731    | 577260.10  | 0.1230 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 267.076    | 1147370.06 | 0.2552 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 482.382    | 2172693.15 | 0.4610 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.043   | 4488468.85 | 0.9595 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 680.59     | 0.0002 | P    | 4.6  |

$$y = 9.5564E-004 * x + 6.4523E-007$$

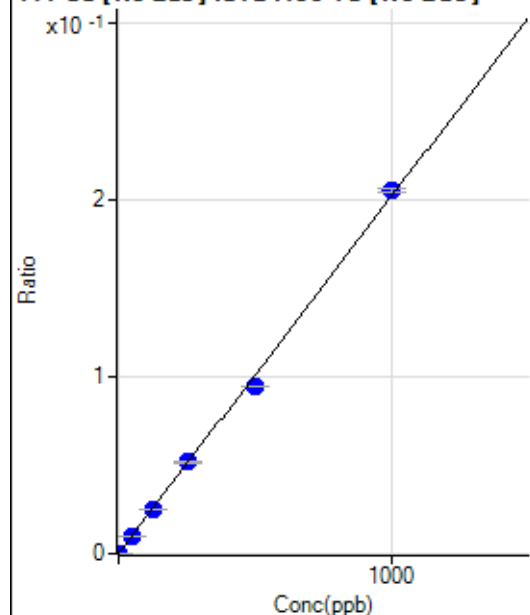
$$R = 0.9996$$

$$DL = 0.003508$$

$$BEC = 0.0006752$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 888.54    | 0.0002 | P    | 7.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.059      | 1814.15   | 0.0004 | P    | 4.0 |
| 3 | <input type="checkbox"/> | 50.000   | 48.123     | 43699.33  | 0.0099 | P    | 2.6 |
| 4 | <input type="checkbox"/> | 125.000  | 123.465    | 117953.99 | 0.0251 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 254.912    | 232282.87 | 0.0517 | P    | 1.7 |
| 6 | <input type="checkbox"/> | 500.000  | 467.663    | 445988.05 | 0.0946 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.226   | 959777.79 | 0.2052 | P    | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 1415.24   | 0.0003 | P    | 4.1 |

$$y = 2.0189\text{E-}004 * x + 2.1134\text{E-}004$$

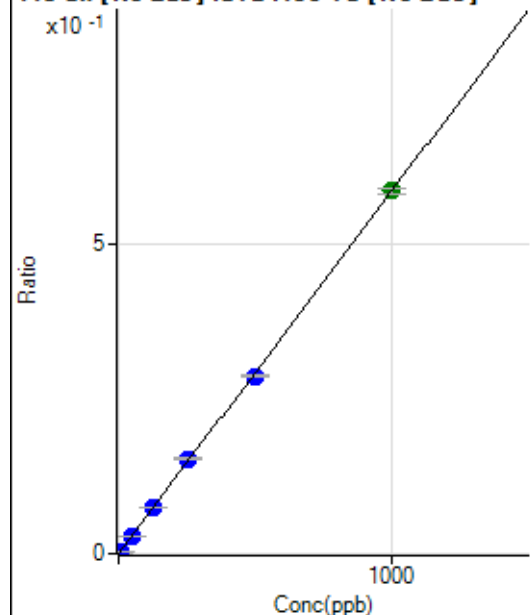
$$R = 0.9992$$

$$DL = 0.2321$$

$$BEC = 1.047$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23     | 0.0000 | P    | 24.6 |
| 2 | <input type="checkbox"/> | 5.000    | 4.964      | 12550.57   | 0.0029 | P    | 1.9  |
| 3 | <input type="checkbox"/> | 50.000   | 49.591     | 127690.39  | 0.0290 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 125.000  | 126.781    | 347680.22  | 0.0741 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 262.120    | 688406.16  | 0.1532 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 490.737    | 1351229.47 | 0.2867 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.400   | 2736493.42 | 0.5850 | A    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 1213.99    | 0.0003 | P    | 3.9  |

$$y = 5.8412\text{E-}004 * x + 4.0807\text{E-}005$$

$$R = 0.9999$$

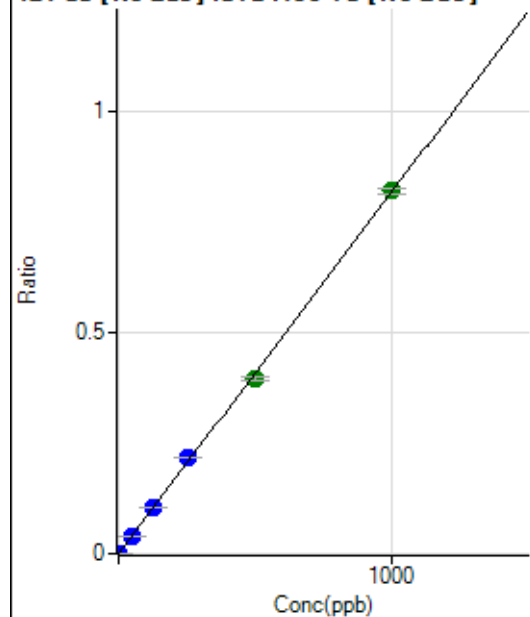
$$DL = 0.05149$$

$$BEC = 0.06986$$

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      | 22.22      | 0.0000 | P   | 56.3 |
| 2 | <input type="checkbox"/> | 2.000    | 1.876      | 6560.09    | 0.0015 | P   | 6.5  |
| 3 | <input type="checkbox"/> | 50.000   | 50.241     | 180582.94  | 0.0410 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 126.486    | 484572.52  | 0.1033 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 265.749    | 975339.72  | 0.2170 | P   | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 484.242    | 1863213.74 | 0.3953 | A   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.745   | 3833252.86 | 0.8195 | A   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 1975.20    | 0.0004 | P   | 4.9  |

$$y = 8.1641\text{E-}004 * x + 5.2635\text{E-}006$$

$$R = 0.9997$$

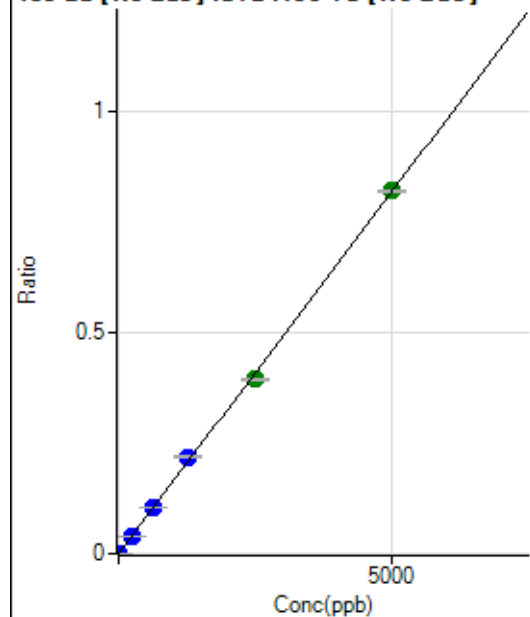
$$DL = 0.01088$$

$$BEC = 0.006447$$

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      | 8.33       | 0.0000 | P   | 100. |
| 2 | <input type="checkbox"/> | 10.000   | 10.439     | 7279.92    | 0.0017 | P   | 4.8  |
| 3 | <input type="checkbox"/> | 250.000  | 250.617    | 180151.57  | 0.0409 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 625.000  | 640.738    | 490957.97  | 0.1046 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1337.749   | 981865.83  | 0.2184 | P   | 2.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2416.838   | 1859941.32 | 0.3946 | A   | 0.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 5017.644   | 3832899.43 | 0.8193 | A   | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 755.60     | 0.0002 | P   | 7.3  |

$$y = 1.6329\text{E-}004 * x + 2.0088\text{E-}006$$

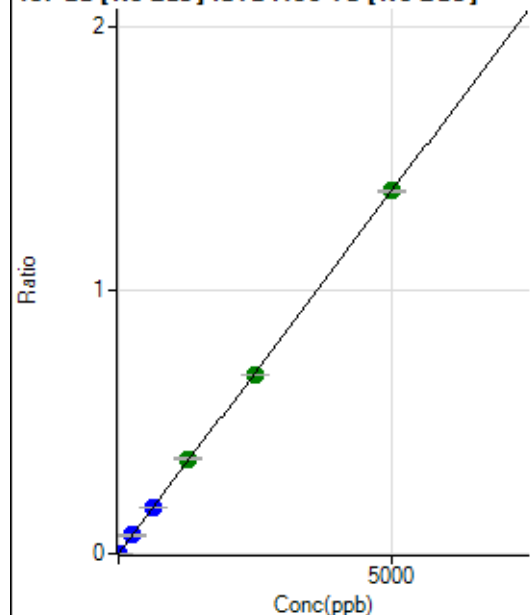
$$R = 0.9996$$

$$DL = 0.03712$$

$$BEC = 0.0123$$

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. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.44      | 0.0000 | P    | 50.6 |
| 2 | <input type="checkbox"/> | 10.000   | 9.925      | 11683.15   | 0.0027 | P    | 0.7  |
| 3 | <input type="checkbox"/> | 250.000  | 252.363    | 305932.36  | 0.0695 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 625.000  | 643.714    | 831755.28  | 0.1773 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1312.272   | 1624491.07 | 0.3614 | A    | 1.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2457.645   | 3189737.03 | 0.6768 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5003.152   | 6445101.62 | 1.3777 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1419.55    | 0.0003 | P    | 5.3  |

$$y = 2.7537E-004 * x + 4.6518E-006$$

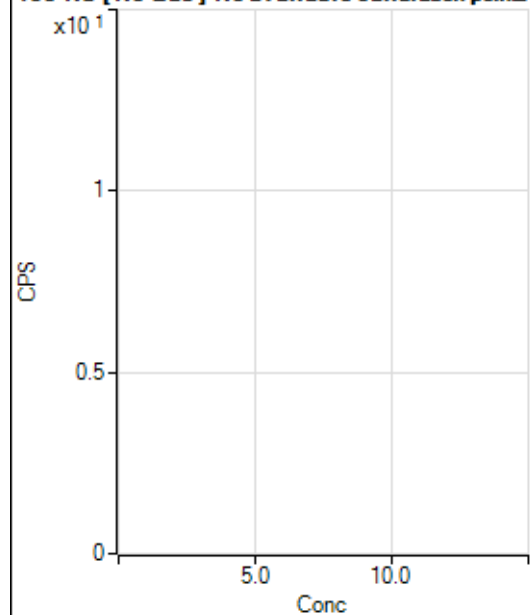
$$R = 0.9999$$

$$DL = 0.02563$$

$$BEC = 0.01689$$

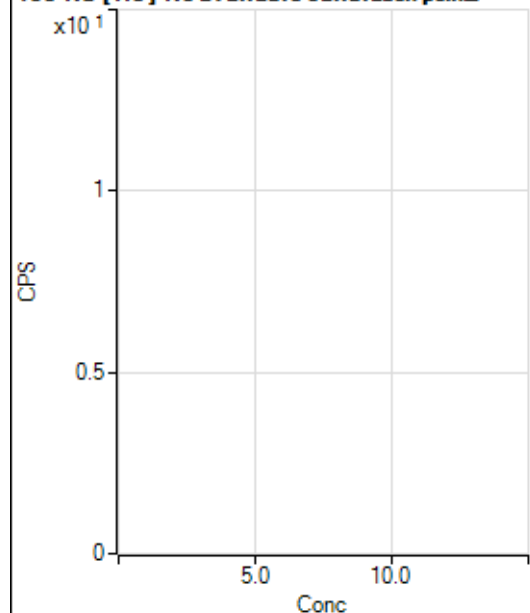
Weight: &lt;None&gt;

Min Conc: 0

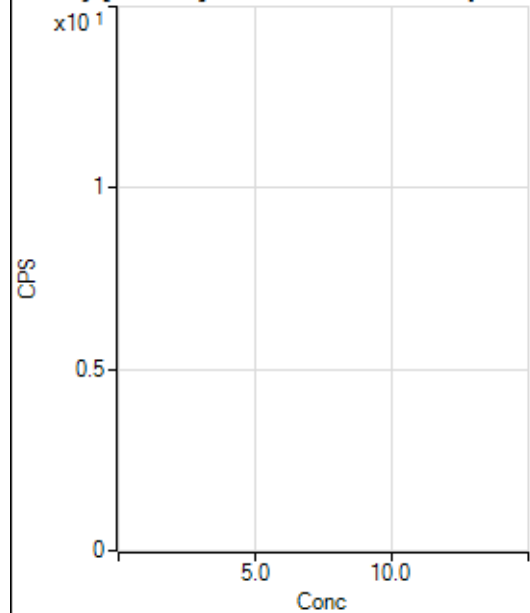
**150 Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|--------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67   |       | P    | 173. |
| 2 | <input type="checkbox"/> |       |            | 2.22   |       | P    | 173. |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P    | 124. |
| 4 | <input type="checkbox"/> |       |            | 24.44  |       | P    | 41.7 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P    | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 55.56  |       | P    | 36.7 |
| 7 | <input type="checkbox"/> |       |            | 120.00 |       | P    | 5.6  |
| 8 | <input type="checkbox"/> |       |            | 44.45  |       | P    | 8.7  |

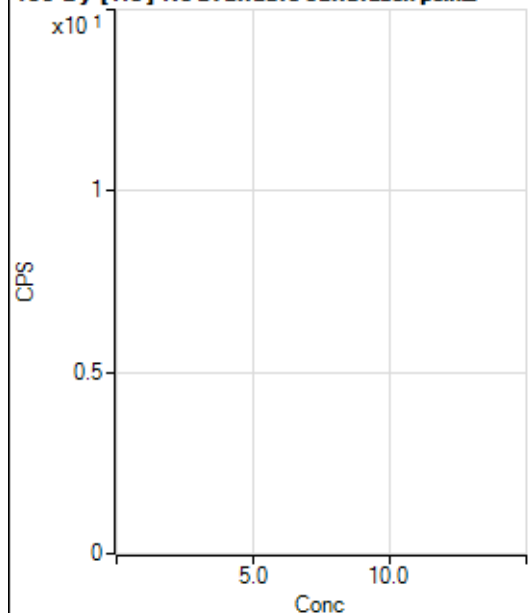


**150 Nd [He] No available calibration points**

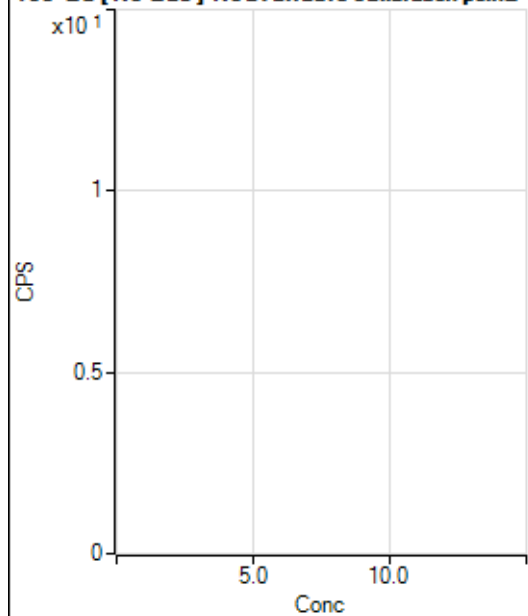
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1 |
| 7 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 32.7 |
| 8 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |

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

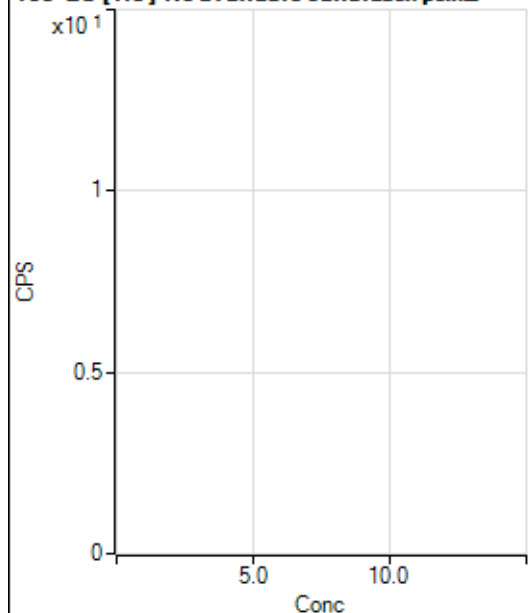
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 25.0 |
| 7 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 20.8 |
| 8 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 13.3 |

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

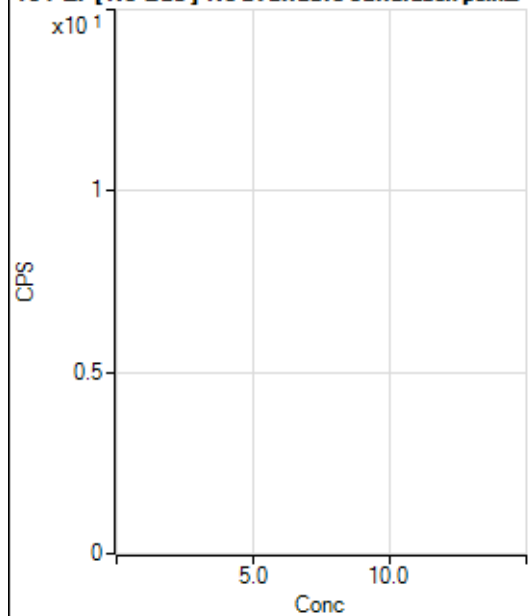
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 7 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 115. |
| 8 | <input type="checkbox"/> |       |            | 65.56 |       | P        | 22.9 |

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

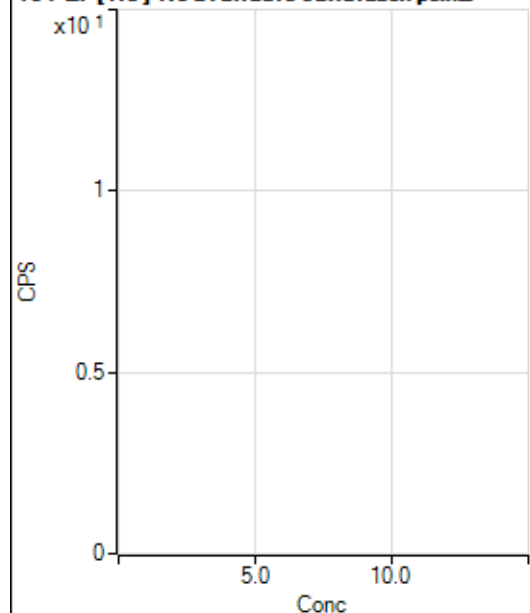
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 56.8 |
| 3 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 51.5 |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 99.0 |
| 5 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 22.4 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 37.5 |
| 7 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 33.3 |
| 8 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 41.5 |

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

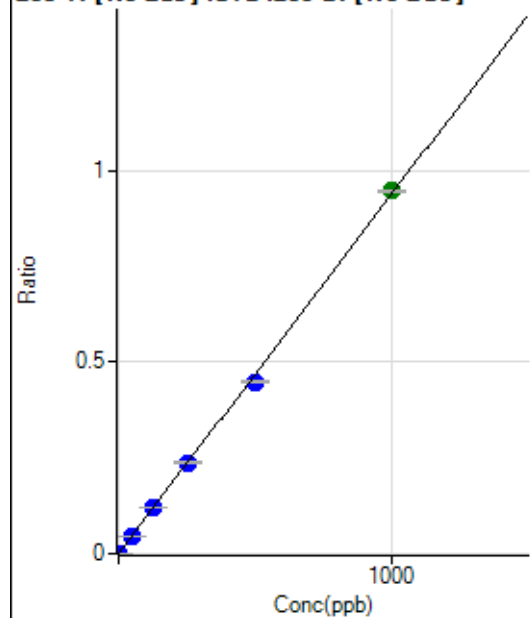
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 7.9  |
| 2 | <input type="checkbox"/> |       |            | 34.45 |       | P        | 39.1 |
| 3 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 12.5 |
| 5 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 10.2 |
| 6 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 27.1 |
| 7 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |
| 8 | <input type="checkbox"/> |       |            | 78.89 |       | P        | 2.4  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 99.0 |
| 4 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 66.7 |
| 5 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 57.7 |
| 6 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 13.3 |
| 7 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 114. |
| 8 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 36.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7 |
| 2 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3 |
| 3 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 4 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7 |
| 5 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 7 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.2 |
| 8 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 75.5 |

**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      | 11.11      | 0.0000 | P        | 86.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.925      | 1966.87    | 0.0009 | P        | 6.6  |
| 3 | <input type="checkbox"/> | 50.000   | 47.567     | 105239.25  | 0.0446 | P        | 4.0  |
| 4 | <input type="checkbox"/> | 125.000  | 127.217    | 291859.95  | 0.1192 | P        | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 253.474    | 570245.81  | 0.2376 | P        | 2.1  |
| 6 | <input type="checkbox"/> | 500.000  | 478.727    | 1119964.97 | 0.4487 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.613   | 2311824.79 | 0.9462 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 1372.34    | 0.0006 | P        | 4.8  |

$$y = 9.3721\text{E-}004 * x + 4.9008\text{E-}006$$

$$R = 0.9997$$

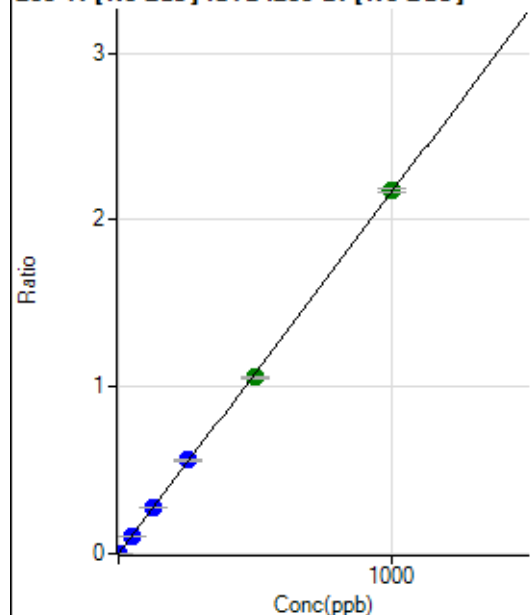
$$DL = 0.01359$$

$$BEC = 0.005229$$

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      | 11.11      | 0.0000 | P    | 115. |
| 2 | <input type="checkbox"/> | 1.000    | 0.980      | 4795.45    | 0.0021 | P    | 1.2  |
| 3 | <input type="checkbox"/> | 50.000   | 49.049     | 250660.18  | 0.1062 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 128.417    | 680506.04  | 0.2780 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 258.926    | 1345501.22 | 0.5605 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 500.000  | 487.143    | 2632300.99 | 1.0546 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.817   | 5308970.65 | 2.1731 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3358.86    | 0.0015 | P    | 6.8  |

$$y = 0.0022 * x + 4.8877E-006$$

$$R = 0.9998$$

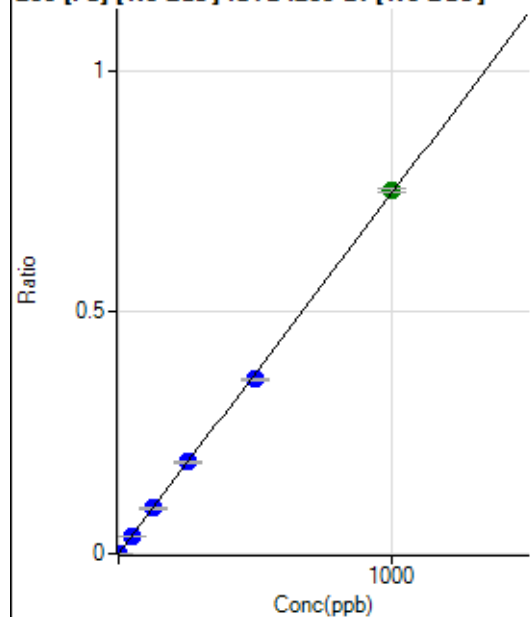
$$DL = 0.007793$$

$$BEC = 0.002258$$

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      | 37.04      | 0.0000 | P    | 45.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.944      | 1624.20    | 0.0007 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 50.000   | 47.770     | 84133.51   | 0.0356 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 126.148    | 230299.39  | 0.0941 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 254.593    | 455766.88  | 0.1899 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 483.602    | 900102.14  | 0.3606 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.019   | 1834585.47 | 0.7509 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 6094.13    | 0.0027 | P    | 3.7  |

$$y = 7.4566E-004 * x + 1.6234E-005$$

$$R = 0.9998$$

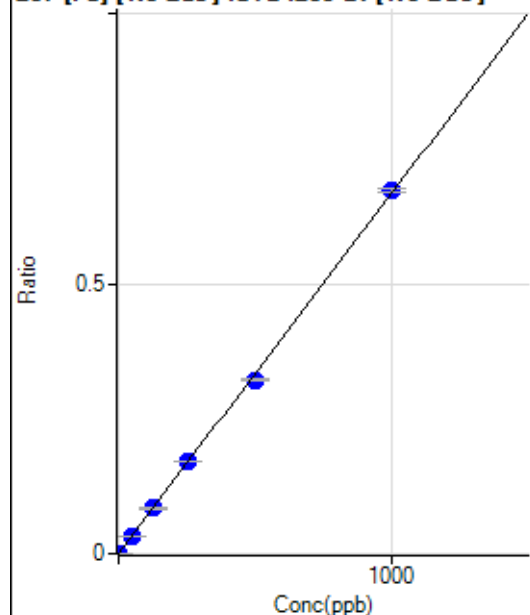
$$DL = 0.02947$$

$$BEC = 0.02177$$

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      | 22.22      | 0.0000 | P        | 65.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.883      | 1350.10    | 0.0006 | P        | 10.8 |
| 3 | <input type="checkbox"/> | 50.000   | 48.174     | 75852.97   | 0.0321 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.487    | 206450.76  | 0.0844 | P        | 2.8  |
| 5 | <input type="checkbox"/> | 250.000  | 256.100    | 409997.04  | 0.1708 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 482.941    | 803830.42  | 0.3220 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.910   | 1640348.70 | 0.6714 | P        | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 5706.93    | 0.0025 | P        | 3.0  |

$$y = 6.6682E-004 * x + 9.7327E-006$$

$$R = 0.9998$$

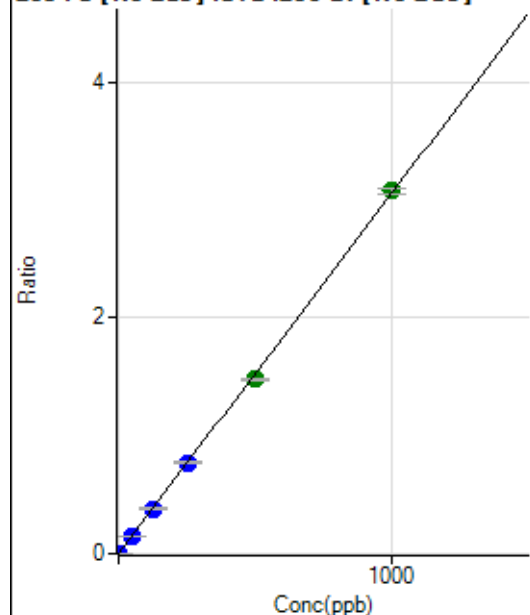
$$DL = 0.02864$$

$$BEC = 0.0146$$

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      | 124.08     | 0.0001 | P        | 28.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.931      | 6537.82    | 0.0029 | P        | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 47.948     | 345973.93  | 0.1466 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 125.257    | 936896.12  | 0.3828 | P        | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 253.217    | 1857251.66 | 0.7737 | P        | 2.2  |
| 6 | <input type="checkbox"/> | 500.000  | 483.415    | 3687009.88 | 1.4771 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.559   | 7520820.23 | 3.0785 | A        | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 25328.73   | 0.0112 | P        | 0.8  |

$$y = 0.0031 * x + 5.4481E-005$$

$$R = 0.9998$$

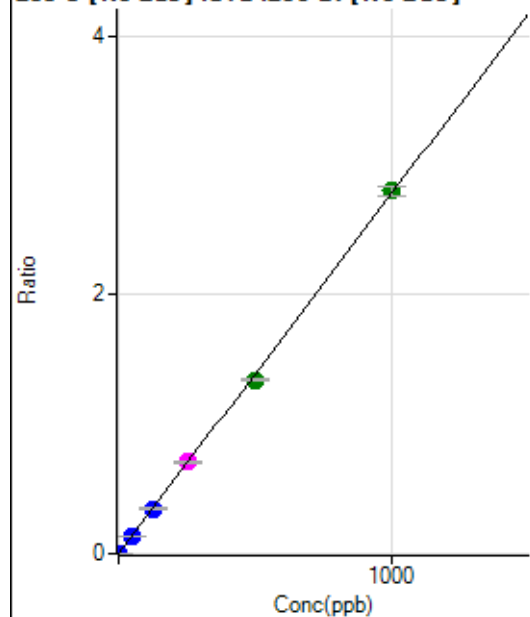
$$DL = 0.01536$$

$$BEC = 0.01783$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.78       | 0.0000 | P        | 173. |
| 2 | <input type="checkbox"/> | 1.000    | 0.955      | 5984.92    | 0.0027 | P        | 8.1  |
| 3 | <input type="checkbox"/> | 50.000   | 48.002     | 314850.88  | 0.1334 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 125.435    | 853191.38  | 0.3485 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 255.219    | 1702406.85 | 0.7091 | M        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 481.323    | 3338576.59 | 1.3374 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.079   | 6842520.12 | 2.8010 | A        | 2.7  |
| 8 | <input type="checkbox"/> |          |            | 736.15     | 0.0003 | P        | 12.7 |

$$y = 0.0028 * x + 1.2235E-006$$

$$R = 0.9997$$

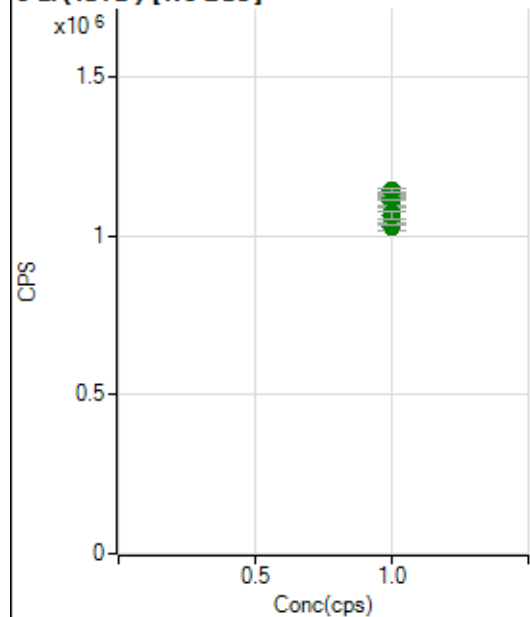
$$DL = 0.002288$$

$$BEC = 0.0004403$$

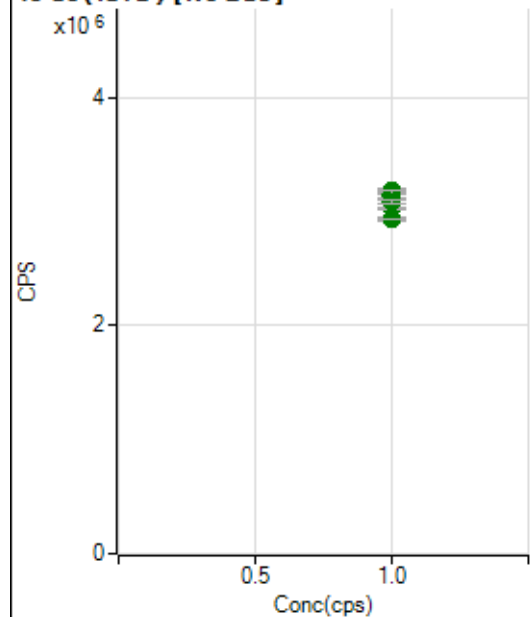
Weight: &lt;None&gt;

Min Conc: 0

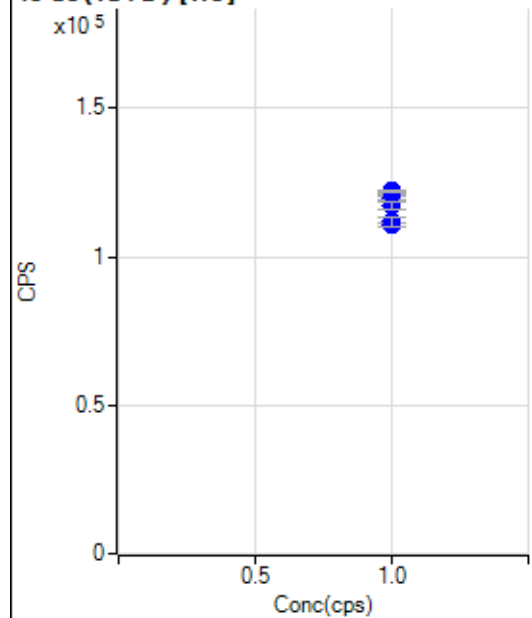
6 Li (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1026718.17 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1038212.97 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1094146.12 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1133812.20 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1108639.06 |       | A        | 2.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1118891.42 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1142168.79 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1066491.53 |       | A        | 2.1 |

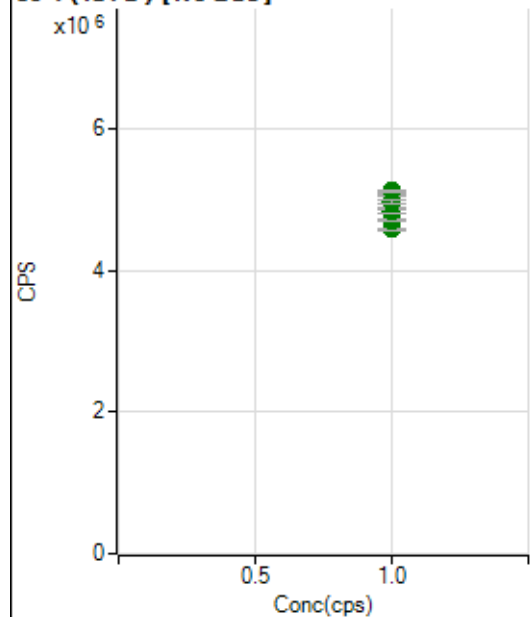
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2936789.37 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2937240.93 |       | A        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3027336.27 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3181665.47 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3141650.23 |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3167127.59 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3159637.66 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3092170.58 |       | A        | 1.2 |

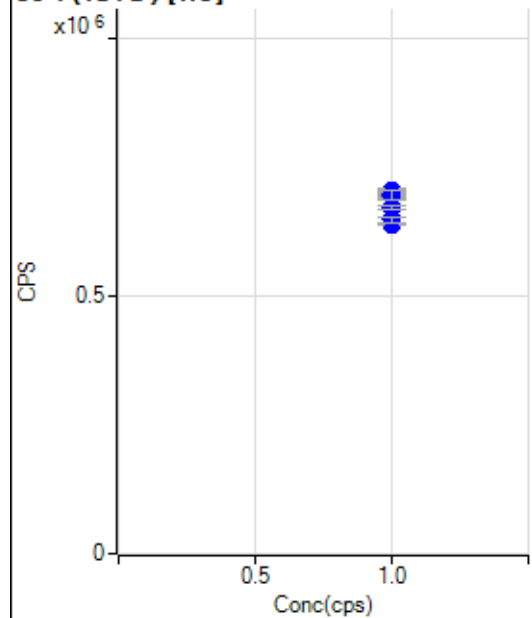
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 110773.05 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 111785.66 |       | P        | 3.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 117007.90 |       | P        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 119933.79 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 121102.17 |       | P        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 121685.47 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 122118.69 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 117016.15 |       | P        | 2.4 |

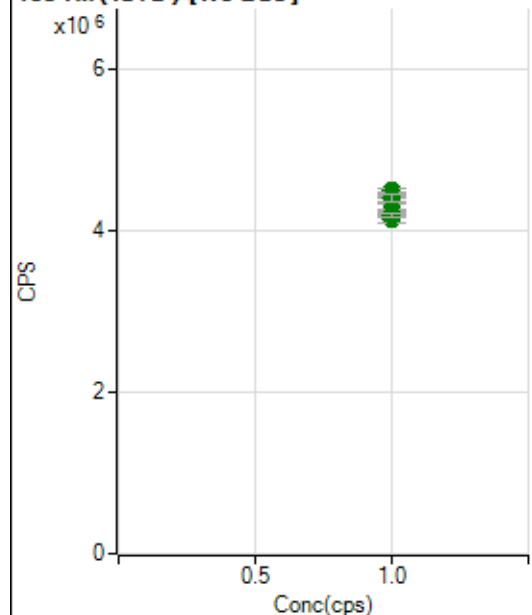


**89 Y (ISTD) [No Gas]**

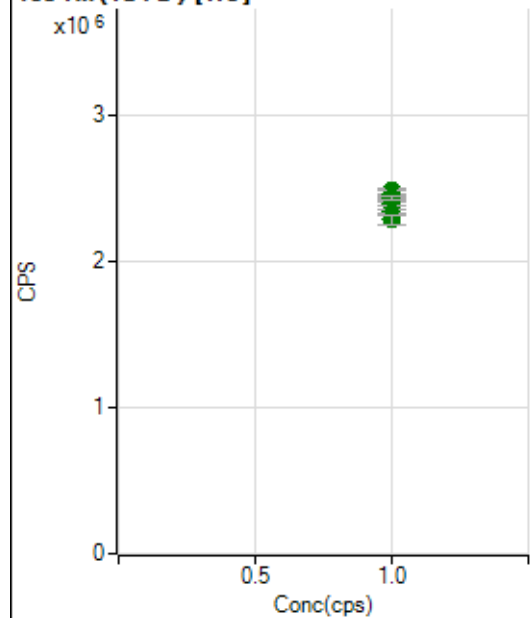
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4588834.23 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4716626.49 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4843762.05 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5095254.44 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4952188.43 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5075518.09 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5132942.08 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4975275.90 |       | A        | 0.8 |

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

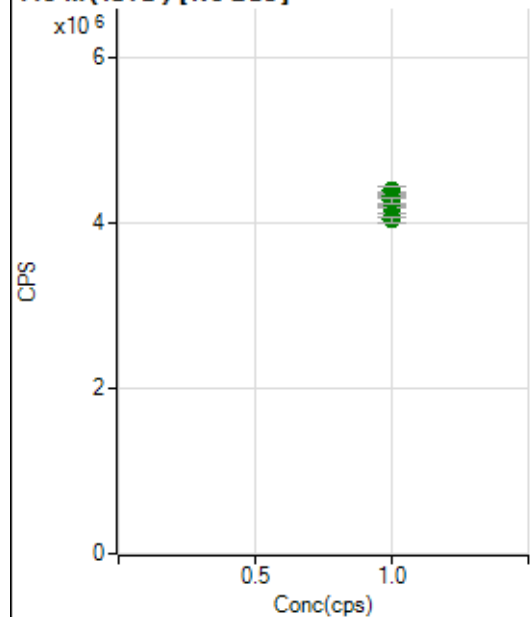
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 638110.79 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 648129.23 |       | P        | 1.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 670908.41 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 695455.85 |       | P        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 694174.71 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 695266.83 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 703929.13 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 696246.01 |       | P        | 2.5 |

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

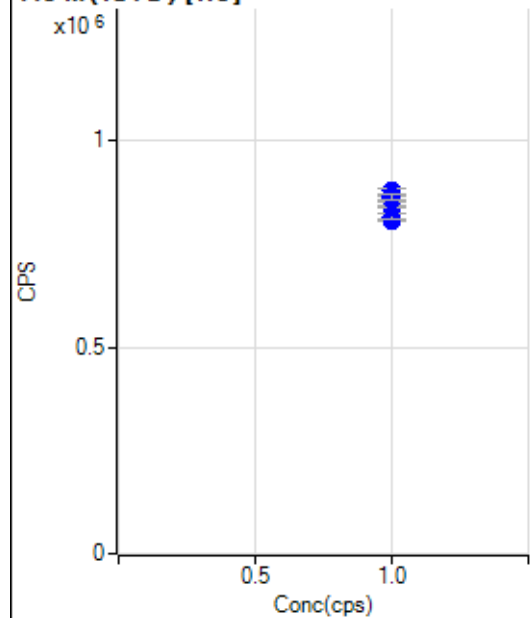
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4148021.10 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4203130.65 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4255526.57 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4489189.42 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4362985.30 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4450479.01 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4396198.19 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4190571.54 |       | A        | 1.3 |

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

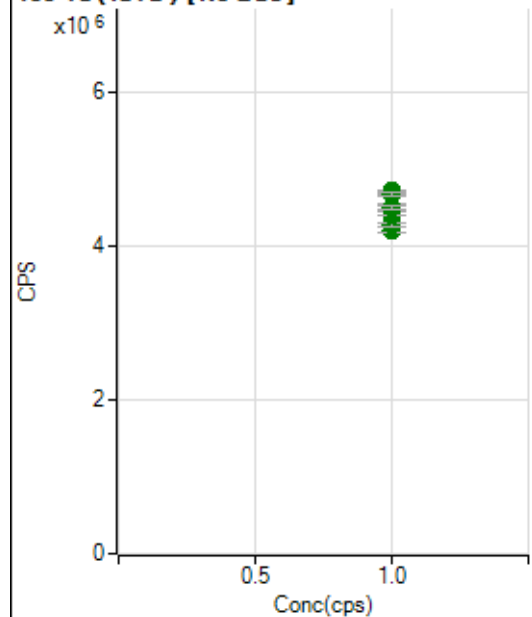
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2325930.21 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2340624.36 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2397960.50 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2481692.05 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2445740.57 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2464084.32 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2435038.09 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2286068.16 |       | A        | 3.0 |

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

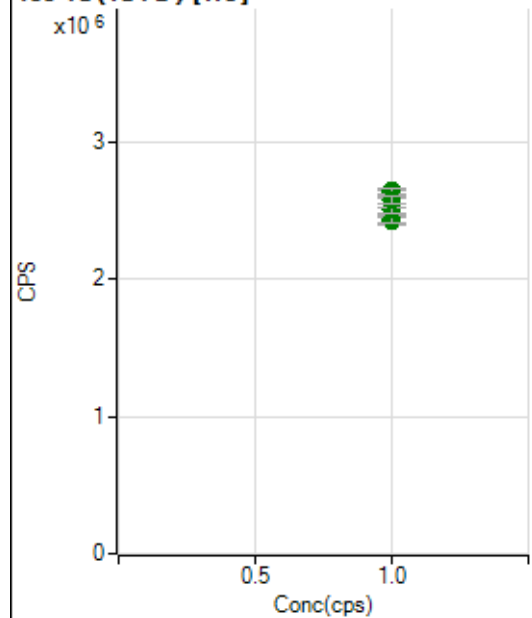
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4058056.97 |       | A        | 2.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4040174.23 |       | A        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4191921.11 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4354919.50 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4242117.35 |       | A        | 2.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4388582.02 |       | A        | 2.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4331154.23 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4272781.89 |       | A        | 1.3 |

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

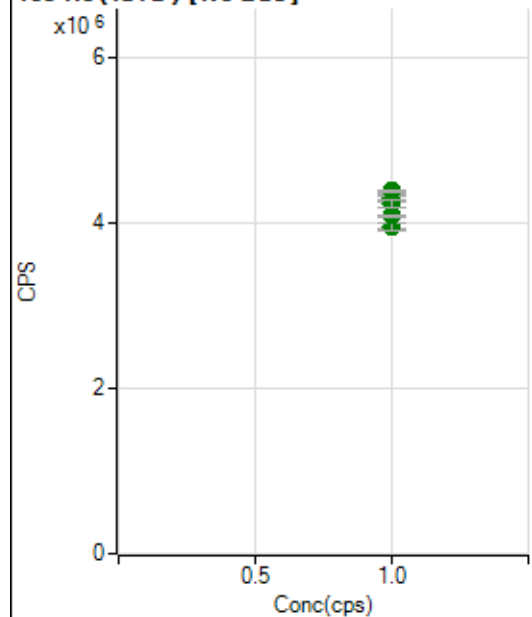
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 806780.98 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 816616.80 |       | P        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 839150.41 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 878147.83 |       | P        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 866190.38 |       | P        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 862971.98 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 855168.41 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 864056.81 |       | P        | 1.2 |

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

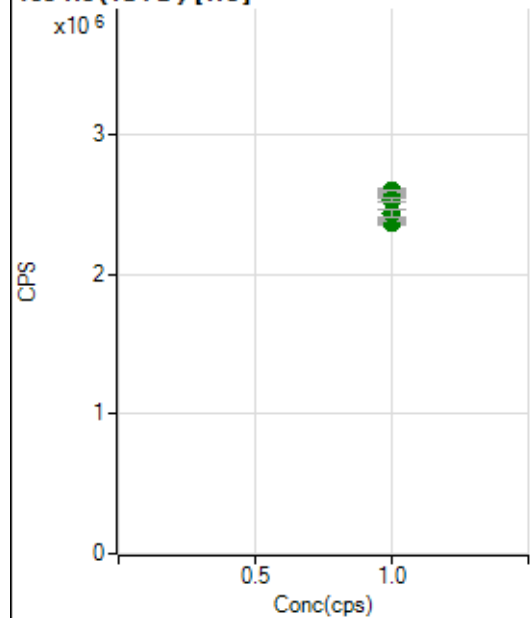
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4207839.62 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4267339.17 |       | A        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4402027.12 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4692687.40 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4495996.95 |       | A        | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4713124.86 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4678133.99 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4499127.12 |       | A        | 1.3 |

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

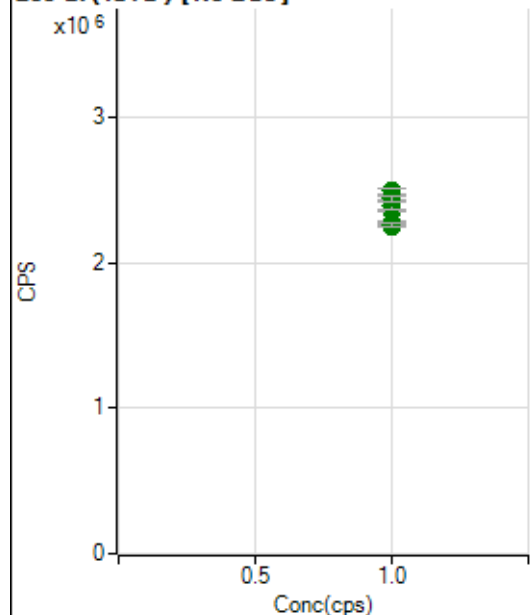
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2418261.72 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2438990.75 |       | A        | 2.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2499199.23 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2625017.31 |       | A        | 2.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2635199.68 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2611399.59 |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2639722.22 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2577164.79 |       | A        | 2.0 |

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

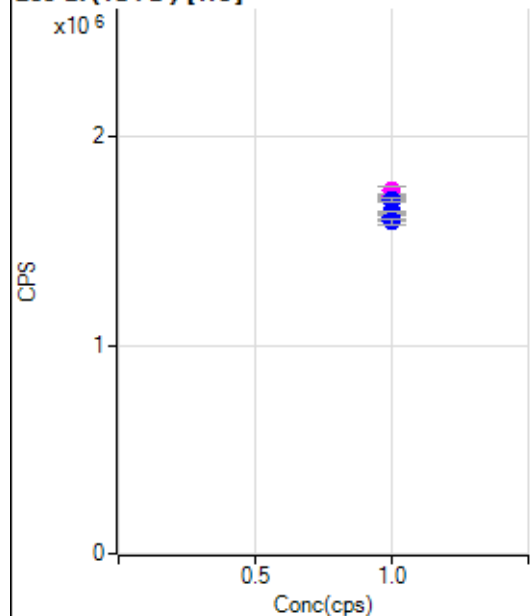
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3958748.87 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3946264.32 |       | A        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4080147.05 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4303513.90 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4216328.09 |       | A        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4326915.33 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4381700.01 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4224172.27 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2363468.49 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2384121.44 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2443187.62 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2587052.64 |       | A        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2579301.75 |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2568171.30 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2599358.87 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2531380.97 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2276752.49 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2255201.67 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2360807.91 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2448499.98 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2401223.23 |       | A        | 2.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2496388.85 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2443288.88 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2259073.65 |       | A        | 1.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1604493.88 |       | P        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1613815.74 |       | P        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1640329.05 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1742751.12 |       | M        | 3.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1705052.09 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1715491.05 |       | M        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1704097.91 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1595648.69 |       | P        | 1.5 |