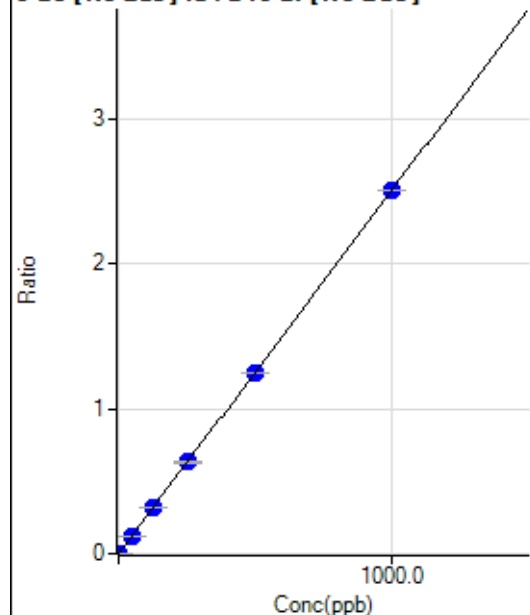


Batch Folder: D:\ICP-MS Data\P7020117-MS.b\  
Analysis File: P7020117-MS.batch.bin  
DA Date-Time: 2017-02-02 11:01:13  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 002CALB.d          | S00         | 2017-02-01 15:15:32 |
| 2     |                    |             |                     |
| 3     | 004CALS.d          | S02         | 2017-02-01 15:24:00 |
| 4     | 005CALS.d          | S03         | 2017-02-01 15:27:51 |
| 5     | 006CALS.d          | S04         | 2017-02-01 15:31:52 |
| 6     | 007CALS.d          | S05         | 2017-02-01 15:35:37 |
| 7     | 008CALS.d          | S06         | 2017-02-01 15:39:17 |
| 8     | 009CALS.d          | S07         | 2017-02-01 15:42:55 |
| 9     | 010CALS.d          | S08         | 2017-02-01 15:46:28 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.67      | 0.0000 | P    | 99.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 1050.06    | 0.0024 | P    | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.646     | 55589.15   | 0.1245 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.190    | 142050.57  | 0.3164 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.803    | 283695.84  | 0.6313 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 499.410    | 546009.32  | 1.2520 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.713    | 1057846.87 | 2.5062 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 168.52     | 0.0004 | P    | 23.3 |

$$y = 0.0025 * x + 3.7100E-005$$

$$R = 1.0000$$

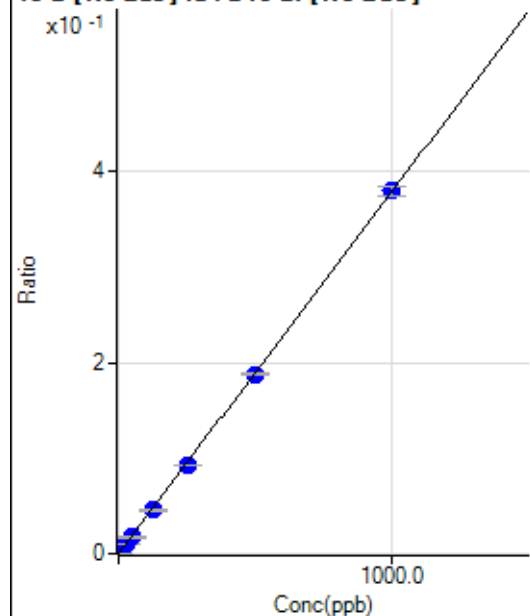
$$DL = 0.04436$$

$$BEC = 0.0148$$

Weight: &lt;None&gt;

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33     | 0.0001 | P    | 75.0 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.192     | 4081.26   | 0.0092 | P    | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.152     | 7999.64   | 0.0179 | P    | 10.2 |
| 5 | <input type="checkbox"/> | 125.000  | 120.453    | 20497.89  | 0.0457 | P    | 3.6  |
| 6 | <input type="checkbox"/> | 250.000  | 246.116    | 41889.55  | 0.0932 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 496.499    | 81975.51  | 0.1880 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.453   | 160303.72 | 0.3798 | P    | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 3628.38   | 0.0092 | P    | 10.4 |

$$y = 3.7842E-004 * x + 7.4184E-005$$

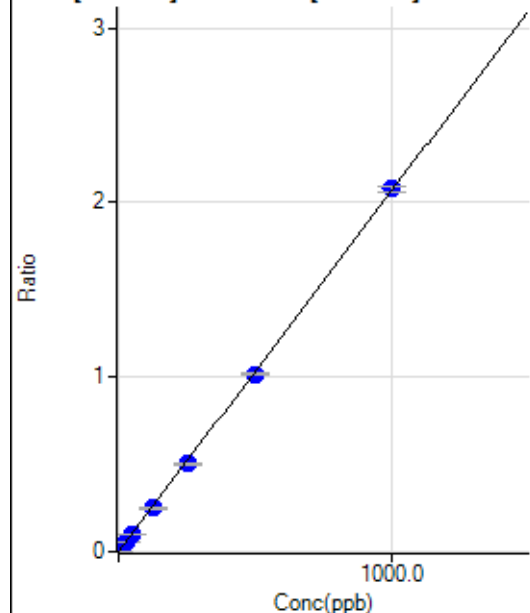
$$R = 1.0000$$

$$DL = 0.4412$$

$$BEC = 0.196$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 222.24    | 0.0005 | P    | 37.6 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.564     | 22642.69  | 0.0512 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 47.814     | 44296.65  | 0.0992 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 120.757    | 112153.23 | 0.2498 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 243.579    | 226216.34 | 0.5033 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 491.554    | 442795.34 | 1.0153 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.479   | 877219.34 | 2.0783 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 19674.64  | 0.0497 | P    | 11.0 |

$$y = 0.0021 * x + 4.9413E-004$$

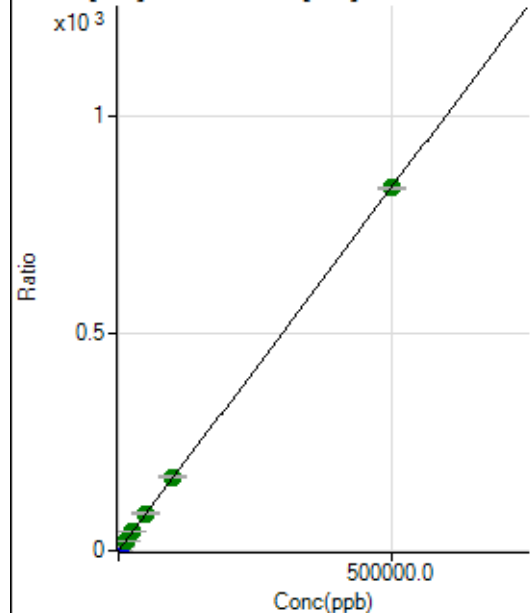
$$R = 0.9999$$

$$DL = 0.2701$$

$$BEC = 0.2394$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25255.39    | 0.0854   | P    | 1.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 498.368    | 274556.73   | 0.9198   | P    | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5214.170   | 2595039.45  | 8.8149   | P    | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 13171.771  | 6457151.75  | 22.1375  | A    | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26031.207  | 12744231.71 | 43.6667  | A    | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 51566.045  | 24971971.22 | 86.4169  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 101611.43  | 49498062.91 | 170.2026 | A    | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 499450.61  | 245924836.0 | 836.2623 | A    | 0.5 |

$$y = 0.0017 * x + 0.0854$$

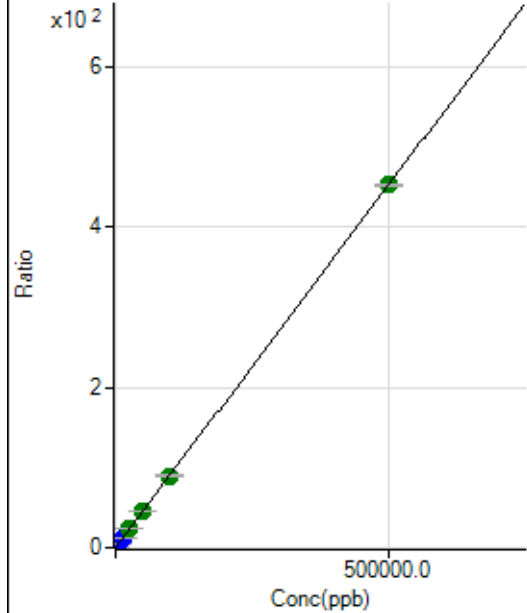
$$R = 1.0000$$

$$DL = 1.539$$

$$BEC = 51.01$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 175.01      | 0.0006   | P    | 10.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 492.229    | 133168.39   | 0.4461   | P    | 1.5  |
| 4 | <input type="checkbox"/> | 5000.000  | 5086.267   | 1355459.81  | 4.6042   | P    | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 13025.989  | 3439200.25  | 11.7905  | P    | 0.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 25542.579  | 6747465.56  | 23.1194  | A    | 0.2  |
| 7 | <input type="checkbox"/> | 50000.000 | 49979.155  | 13072199.51 | 45.2371  | A    | 0.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 99146.875  | 26097910.82 | 89.7392  | A    | 0.9  |
| 9 | <input type="checkbox"/> | 500000.00 | 500131.57  | 133120558.5 | 452.6736 | A    | 0.8  |

$$y = 9.0511\text{E-}004 * x + 5.9204\text{E-}004$$

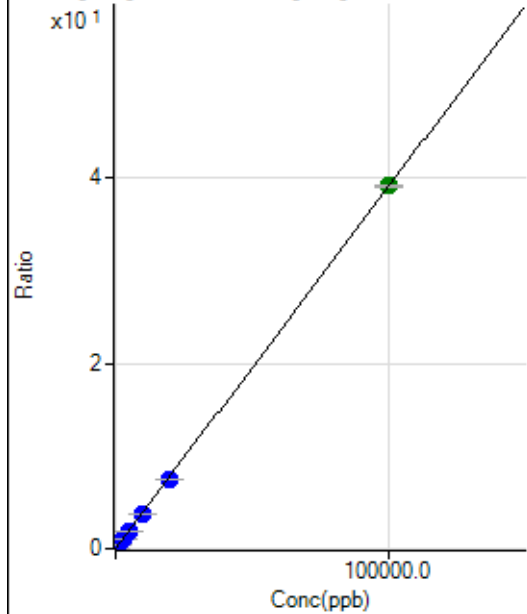
$$R = 1.0000$$

$$DL = 0.1958$$

$$BEC = 0.6541$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 30.56       | 0.0001  | P    | 63.2 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 19.394     | 2291.94     | 0.0077  | P    | 5.1  |
| 4 | <input type="checkbox"/> | 1000.000  | 973.998    | 112022.84   | 0.3805  | P    | 1.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2482.300   | 282842.66   | 0.9697  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4883.041   | 556666.11   | 1.9074  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 9702.380   | 1095118.43  | 3.7897  | P    | 0.8  |
| 8 | <input type="checkbox"/> | 20000.000 | 19274.692  | 2189461.10  | 7.5286  | P    | 0.5  |
| 9 | <input type="checkbox"/> | 100000.00 | 100181.37  | 11507576.65 | 39.1298 | A    | 0.6  |

$$y = 3.9059\text{E-}004 * x + 1.0358\text{E-}004$$

$$R = 1.0000$$

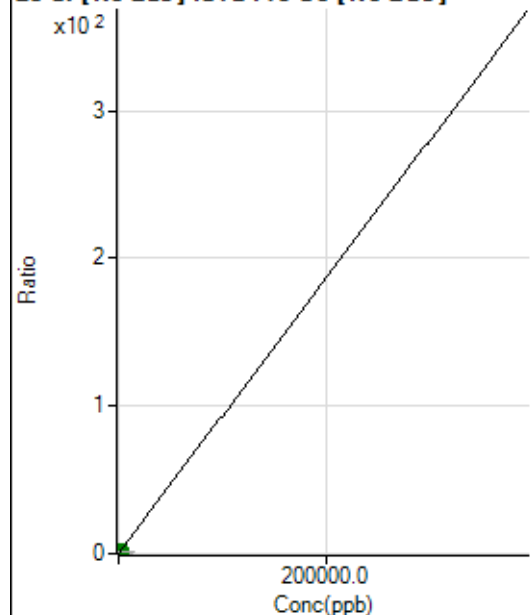
$$DL = 0.5028$$

$$BEC = 0.2652$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 529861.85  | 0.0901 | P    | 0.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 5.411      | 566694.26  | 0.0952 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 64.083     | 889063.70  | 0.1497 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 160.411    | 1406506.90 | 0.2393 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 318.703    | 2267943.71 | 0.3866 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 624.790    | 3939387.54 | 0.6713 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 915.344    | 5450739.19 | 0.9416 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 579378.79  | 0.1013 | P    | 0.6 |

$$y = 9.3024\text{E-}004 * x + 0.0901$$

$$R = 0.9841$$

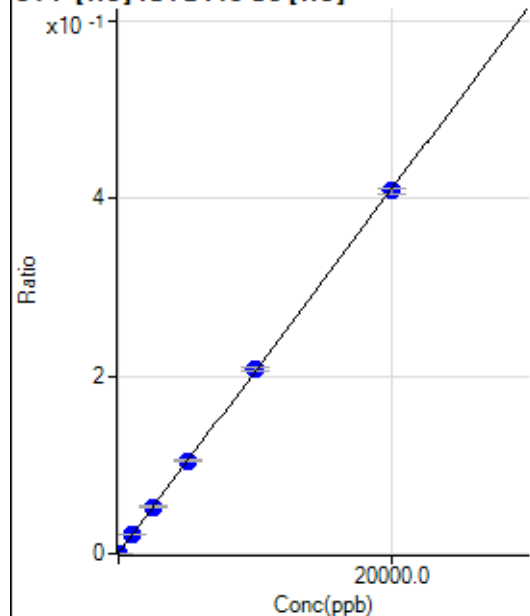
$$DL = 1.63$$

$$BEC = 96.87$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -6.254     | 133.34    | 0.0005 | P    | 17.0 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 6.254      | 211.12    | 0.0007 | P    | 28.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 1011.901   | 6268.25   | 0.0213 | P    | 3.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2524.027   | 15238.98  | 0.0522 | P    | 3.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 5077.453   | 30504.32  | 0.1045 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10134.641  | 60119.19  | 0.2080 | P    | 1.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19909.718  | 118702.48 | 0.4082 | P    | 1.6  |
| 9 | <input type="checkbox"/> |           |            | 216.68    | 0.0007 | P    | 6.5  |

$$y = 2.0471\text{E-}005 * x + 5.7924\text{E-}004$$

$$R = 1.0000$$

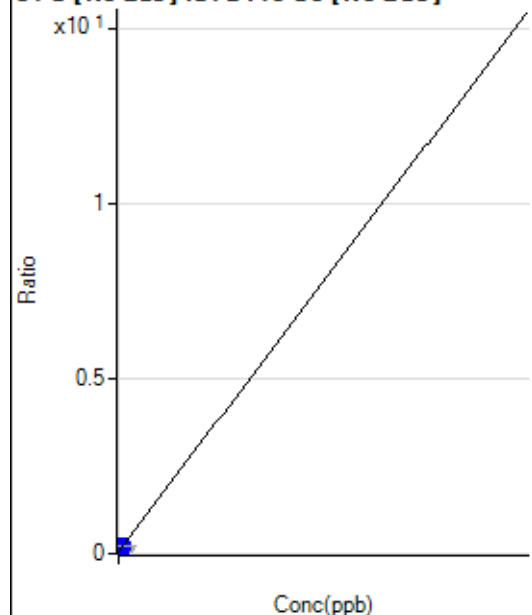
$$DL = 20.43$$

$$BEC = 28.3$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 58.913     | 364251.49  | 0.0620 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -58.913    | 363291.82  | 0.0610 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 829.838    | 404868.78  | 0.0682 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 2372.075   | 473989.74  | 0.0807 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 4788.683   | 587780.19  | 0.1002 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9631.487   | 817728.96  | 0.1394 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 20000.000 | 20261.584  | 1304232.31 | 0.2253 | P    | 0.9 |
| 9 | <input type="checkbox"/> |           |            | 327944.20  | 0.0573 | P    | 0.9 |

$$y = 8.0860E-006 * x + 0.0615$$

$$R = 0.9997$$

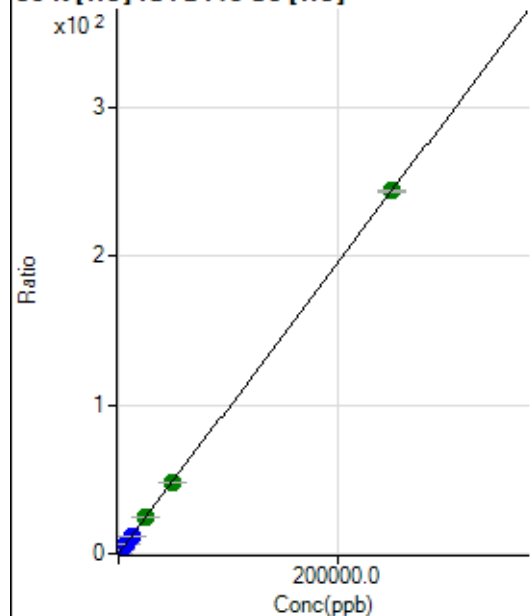
$$DL = 205.1$$

$$BEC = 7603$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 29527.51    | 0.0999   | P    | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 467.167    | 165498.46   | 0.5544   | P    | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2427.454   | 724766.72   | 2.4619   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6226.512   | 1796384.39  | 6.1585   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12419.260  | 3556027.12  | 12.1843  | P    | 0.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 24663.149  | 6963594.08  | 24.0981  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 49075.916  | 13916325.31 | 47.8527  | A    | 0.8 |
| 9 | <input type="checkbox"/> | 250000.00 | 250223.91  | 71634743.96 | 243.5776 | A    | 0.3 |

$$y = 9.7304E-004 * x + 0.0999$$

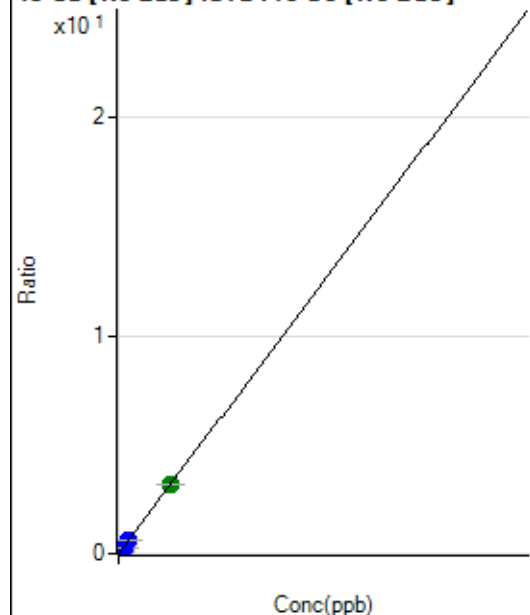
$$R = 1.0000$$

$$DL = 2.225$$

$$BEC = 102.6$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 391.69      | 0.0001 | P    | 2.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 467.128    | 18067.34    | 0.0030 | P    | 4.6 |
| 4 | <input type="checkbox"/> | 5000.000  | 4825.900   | 182445.33   | 0.0307 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12286.914  | 459130.96   | 0.0781 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24585.708  | 916715.90   | 0.1563 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 48446.604  | 1806487.80  | 0.3079 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 98192.269  | 3611452.77  | 0.6239 | P    | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 500544.70  | 18193865.51 | 3.1801 | A    | 0.3 |

$$y = 6.3531E-006 * x + 6.6622E-005$$

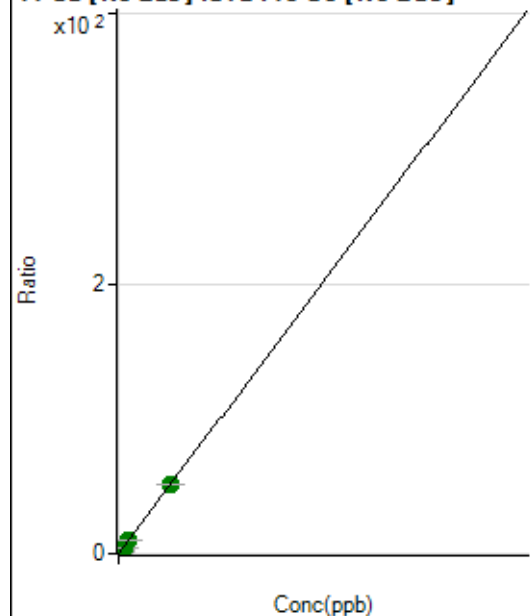
$$R = 1.0000$$

$$DL = 0.8185$$

$$BEC = 10.49$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19841.92    | 0.0034  | P    | 1.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 463.367    | 299762.75   | 0.0503  | P    | 1.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 4917.524   | 2979205.82  | 0.5017  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12451.988  | 7435624.47  | 1.2653  | A    | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 24619.148  | 14656271.51 | 2.4983  | A    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 48870.277  | 29081857.94 | 4.9560  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 100000.00 | 98225.977  | 57642023.51 | 9.9578  | A    | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 500488.88  | 290205070.3 | 50.7242 | A    | 0.5 |

$$y = 1.0134E-004 * x + 0.0034$$

$$R = 1.0000$$

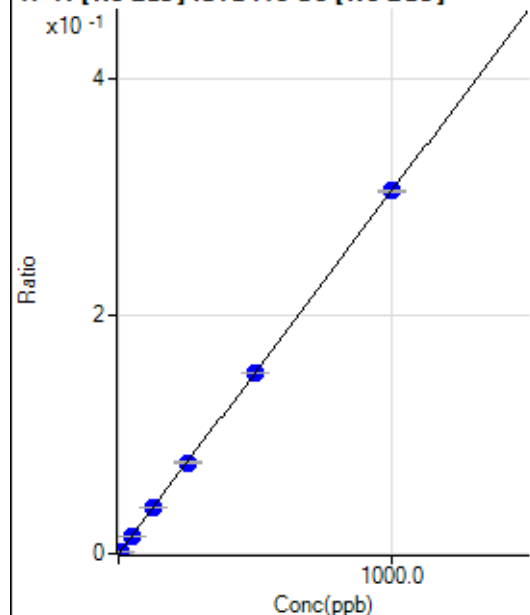
$$DL = 1.005$$

$$BEC = 33.3$$

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      | 105.56     | 0.0000 | P    | 22.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.477      | 8235.96    | 0.0014 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 48.767     | 88383.79   | 0.0149 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.065    | 225961.20  | 0.0384 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.800    | 450438.89  | 0.0768 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.803    | 890626.22  | 0.1518 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.579   | 1765815.78 | 0.3050 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 3631.05    | 0.0006 | P    | 66.1 |

$$y = 3.0486E-004 * x + 1.7934E-005$$

$$R = 1.0000$$

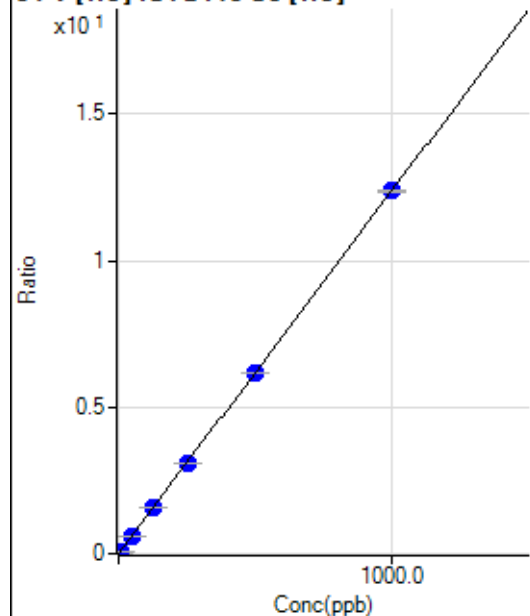
$$DL = 0.03887$$

$$BEC = 0.05883$$

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      | 6.66       | 0.0000  | P    | 86.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.688      | 17321.49   | 0.0580  | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.028     | 178573.82  | 0.6066  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.423    | 452627.02  | 1.5517  | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 248.642    | 897775.74  | 3.0761  | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 498.787    | 1783178.95 | 6.1708  | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.943   | 3601341.06 | 12.3833 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 1087.83    | 0.0037  | P    | 5.4  |

$$y = 0.0124 * x + 2.2567E-005$$

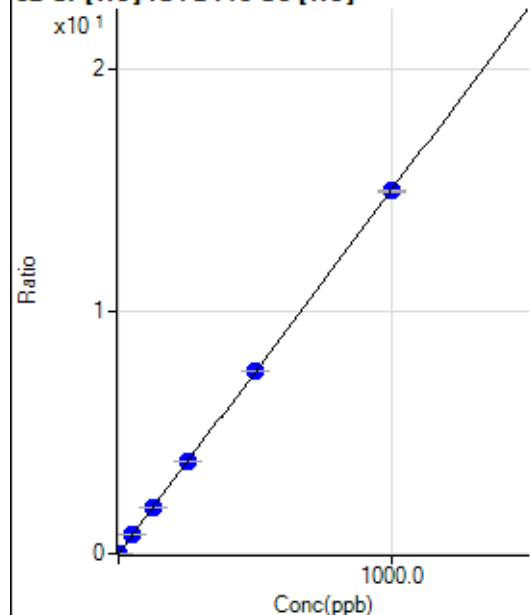
$$R = 1.0000$$

$$DL = 0.004755$$

$$BEC = 0.001824$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 888.93     | 0.0030  | P    | 3.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.981      | 9755.58    | 0.0327  | P    | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.142     | 222051.81  | 0.7542  | P    | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 127.663    | 558791.59  | 1.9157  | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 253.122    | 1107686.02 | 3.7953  | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 502.097    | 2174653.15 | 7.5255  | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.831    | 4348492.40 | 14.9527 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 96639.61   | 0.3286  | P    | 1.0 |

$$y = 0.0150 * x + 0.0030$$

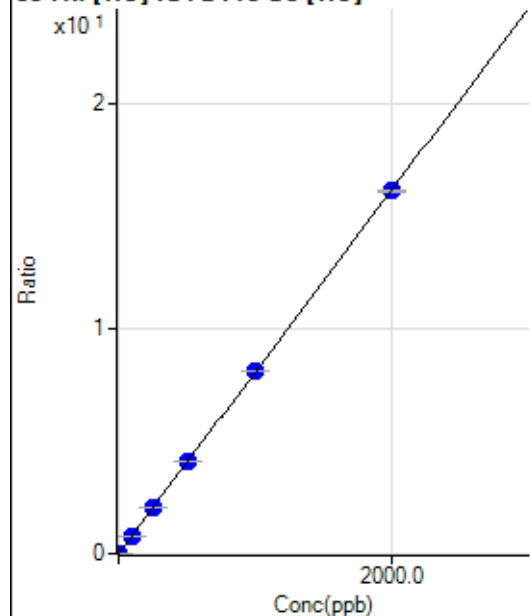
$$R = 1.0000$$

$$DL = 0.0186$$

$$BEC = 0.2007$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.78      | 0.0002  | P    | 17.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.020      | 2505.81    | 0.0084  | P    | 2.5  |
| 4 | <input type="checkbox"/> | 100.000  | 99.455     | 236474.73  | 0.8032  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 254.184    | 598741.95  | 2.0527  | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 503.485    | 1186590.10 | 4.0657  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.177   | 2340842.65 | 8.1006  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.045   | 4689697.12 | 16.1260 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 18407.30   | 0.0626  | P    | 1.7  |

$$y = 0.0081 * x + 1.6149E-004$$

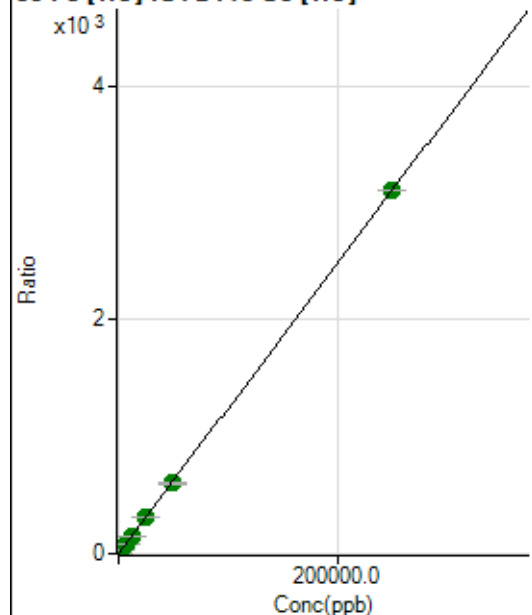
$$R = 1.0000$$

$$DL = 0.0102$$

$$BEC = 0.02$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3533.87     | 0.0119    | P    | 5.1 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.417     | 178932.85   | 0.5994    | P    | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2481.407   | 9054159.35  | 30.7560   | A    | 1.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 6345.261   | 22935103.98 | 78.6282   | A    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12501.616  | 45208907.03 | 154.9040  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24694.582  | 88416993.64 | 305.9719  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 48508.948  | 174788942.7 | 601.0262  | A    | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 250326.47  | 912103605.5 | 3,101.497 | A    | 0.2 |

$$y = 0.0124 * x + 0.0119$$

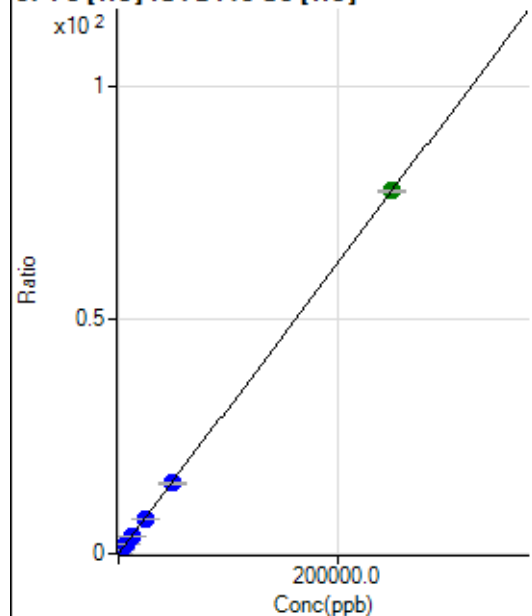
$$R = 1.0000$$

$$DL = 0.1468$$

$$BEC = 0.9645$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 35.18       | 0.0001  | P    | 39.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 48.247     | 4500.82     | 0.0151  | P    | 1.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2452.676   | 223899.39   | 0.7606  | P    | 1.5  |
| 5 | <input type="checkbox"/> | 6250.000  | 6218.308   | 562427.64   | 1.9281  | P    | 0.1  |
| 6 | <input type="checkbox"/> | 12500.000 | 12314.595  | 1114400.53  | 3.8183  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 24360.711  | 2182667.78  | 7.5533  | P    | 0.8  |
| 8 | <input type="checkbox"/> | 50000.000 | 48500.381  | 4373249.84  | 15.0379 | P    | 1.0  |
| 9 | <input type="checkbox"/> | 250000.00 | 250374.38  | 22830955.14 | 77.6302 | A    | 0.6  |

$$y = 3.1006E-004 * x + 1.1883E-004$$

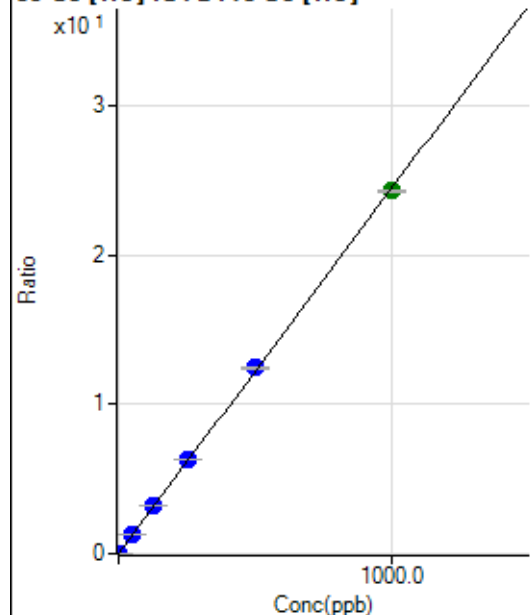
$$R = 1.0000$$

$$DL = 0.4507$$

$$BEC = 0.3832$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45     | 0.0005  | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.998      | 7439.77    | 0.0249  | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.894     | 366794.73  | 1.2460  | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 129.346    | 923471.26  | 3.1659  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 256.384    | 1831310.82 | 6.2747  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 508.315    | 3594757.73 | 12.4400 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.658    | 7072021.07 | 24.3173 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 9132.99    | 0.0311  | P    | 1.6  |

$$y = 0.0245 * x + 4.8849E-004$$

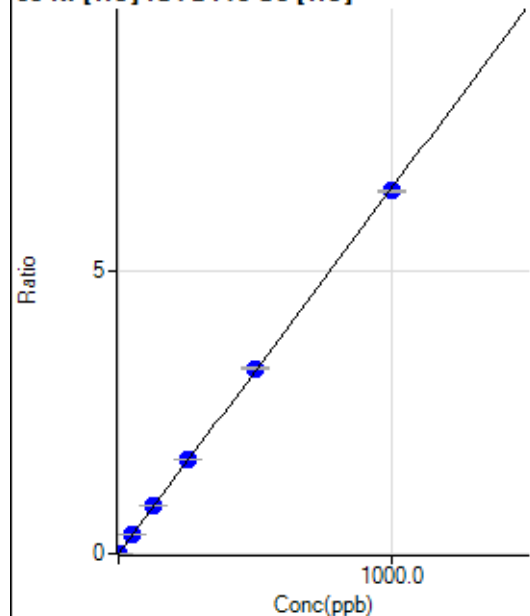
$$R = 0.9999$$

$$DL = 0.0104$$

$$BEC = 0.01996$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67      | 0.0002 | P    | 8.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.054      | 2105.74    | 0.0071 | P    | 8.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.850     | 98956.63   | 0.3361 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 131.457    | 248475.45  | 0.8518 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 258.042    | 487951.00  | 1.6719 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 507.628    | 950359.26  | 3.2888 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.276    | 1871400.77 | 6.4350 | P    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 22800.16   | 0.0775 | P    | 1.8 |

$$y = 0.0065 * x + 2.2542E-004$$

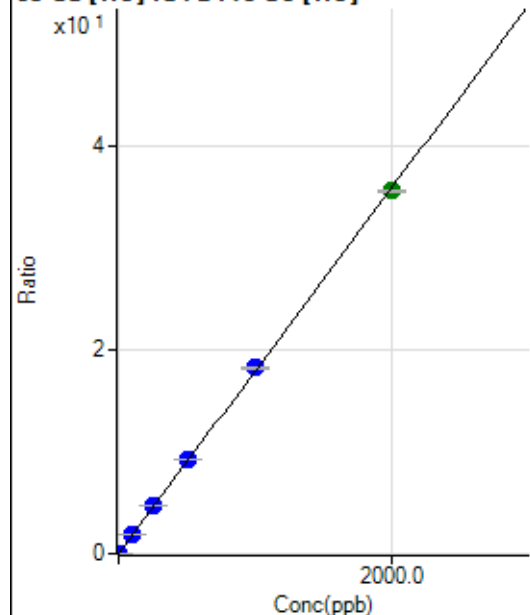
$$R = 0.9999$$

$$DL = 0.008808$$

$$BEC = 0.0348$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [He] ISTD:45 Sc [He]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 521.13      | 0.0018  | P    | 11.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.026      | 11343.46    | 0.0380  | P    | 1.6  |
| 4 | <input type="checkbox"/> | 100.000  | 102.465    | 540112.27   | 1.8347  | P    | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 260.295    | 1358708.76  | 4.6580  | P    | 0.1  |
| 6 | <input type="checkbox"/> | 500.000  | 516.224    | 2695609.11  | 9.2362  | P    | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1018.119   | 5263343.32  | 18.2142 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.474   | 10329515.19 | 35.5186 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 14796.54    | 0.0503  | P    | 0.6  |

$$y = 0.0179 * x + 0.0018$$

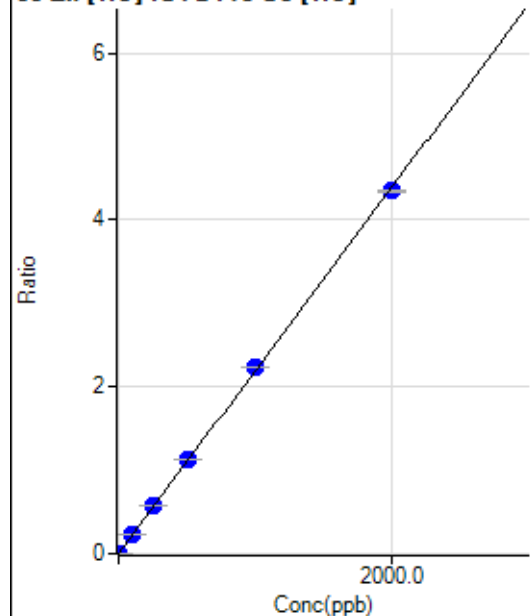
$$R = 0.9999$$

$$DL = 0.0326$$

$$BEC = 0.09849$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 157.78     | 0.0005 | P    | 19.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.052      | 1502.33    | 0.0050 | P    | 5.8  |
| 4 | <input type="checkbox"/> | 100.000  | 103.458    | 66947.00   | 0.2274 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 265.011    | 169672.27  | 0.5817 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 518.634    | 332089.43  | 1.1379 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1020.254   | 646677.69  | 2.2379 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1983.165   | 1264904.73 | 4.3495 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 7320.85    | 0.0249 | P    | 2.9  |

$$y = 0.0022 * x + 5.3362E-004$$

$$R = 0.9999$$

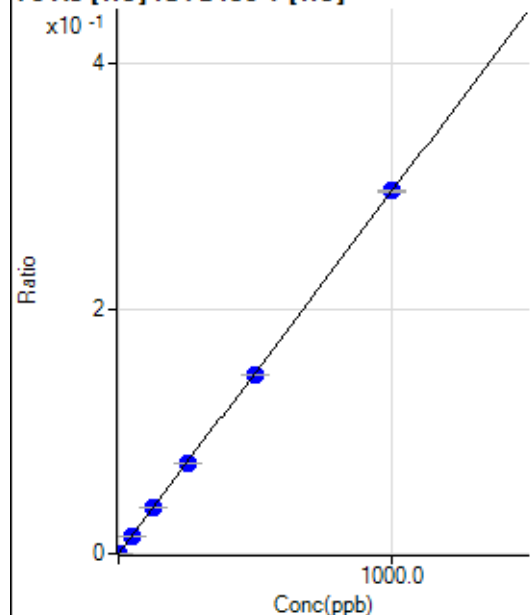
$$DL = 0.1407$$

$$BEC = 0.2433$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 12.96     | 0.0000 | P    | 25.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.993      | 505.57    | 0.0003 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.624     | 23789.89  | 0.0144 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.176    | 60649.70  | 0.0370 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 249.618    | 120565.16 | 0.0738 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 495.970    | 238299.56 | 0.1466 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.157   | 479511.11 | 0.2962 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 701.26    | 0.0004 | P    | 6.3  |

$$y = 2.9558\text{E-}004 * x + 7.8298\text{E-}006$$

$$R = 1.0000$$

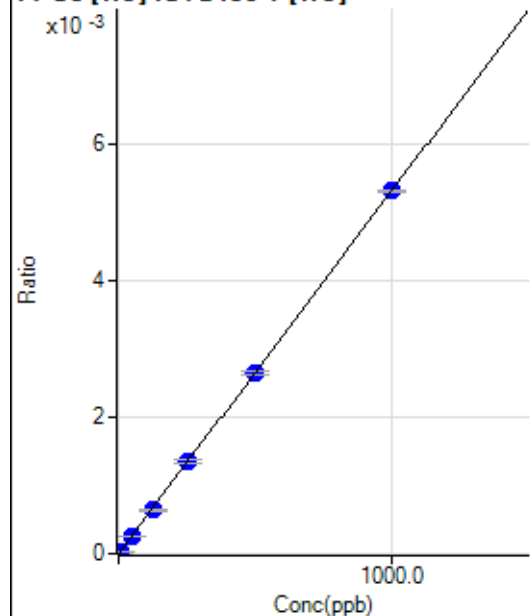
$$DL = 0.01998$$

$$BEC = 0.02649$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22    | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.493      | 42.22   | 0.0000 | P    | 18.6 |
| 4 | <input type="checkbox"/> | 50.000   | 47.107     | 415.57  | 0.0003 | P    | 6.5  |
| 5 | <input type="checkbox"/> | 125.000  | 119.614    | 1042.28 | 0.0006 | P    | 5.4  |
| 6 | <input type="checkbox"/> | 250.000  | 254.252    | 2205.76 | 0.0014 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 498.172    | 4297.37 | 0.0026 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.671   | 8594.89 | 0.0053 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 14.45   | 0.0000 | P    | 47.7 |

$$y = 5.3047\text{E-}006 * x + 1.3374\text{E-}006$$

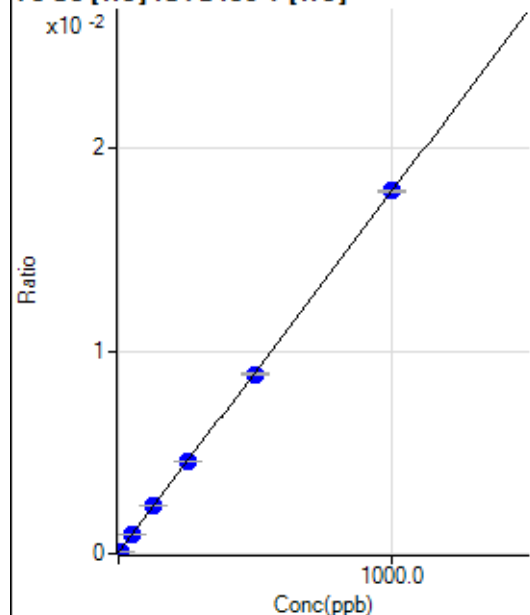
$$R = 1.0000$$

$$DL = 0.6551$$

$$BEC = 0.2521$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 82.10    | 0.0000 | P    | 6.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.397      | 214.82   | 0.0001 | P    | 7.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.102     | 1531.58  | 0.0009 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 129.617    | 3871.54  | 0.0024 | P    | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 253.510    | 7472.35  | 0.0046 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 493.679    | 14399.18 | 0.0089 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.754   | 29016.66 | 0.0179 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 157.41   | 0.0001 | P    | 6.4 |

$$y = 1.7844\text{E-}005 * x + 4.9569\text{E-}005$$

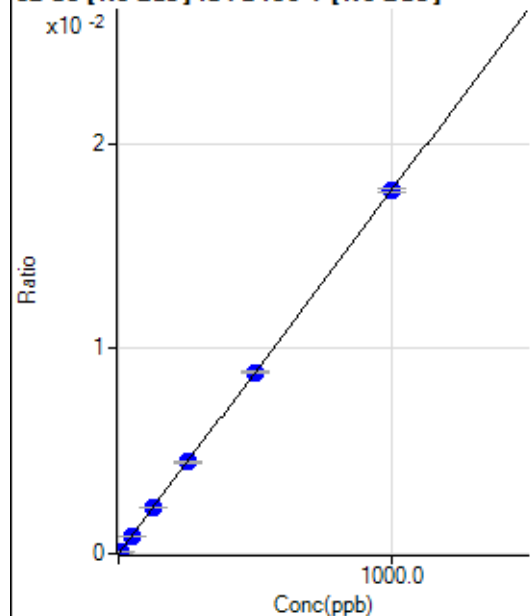
$$R = 1.0000$$

$$DL = 0.5148$$

$$BEC = 2.778$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.15     | 0.0000 | P    | 255. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.147      | 926.70    | 0.0001 | P    | 11.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.425     | 8818.79   | 0.0009 | P    | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 125.466    | 22235.47  | 0.0022 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.707    | 44812.69  | 0.0045 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 499.914    | 87502.55  | 0.0088 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.336    | 173149.03 | 0.0177 | P    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 407.05    | 0.0000 | P    | 13.5 |

$$y = 1.7698\text{E-}005 * x + 1.1118\text{E-}006$$

$$R = 1.0000$$

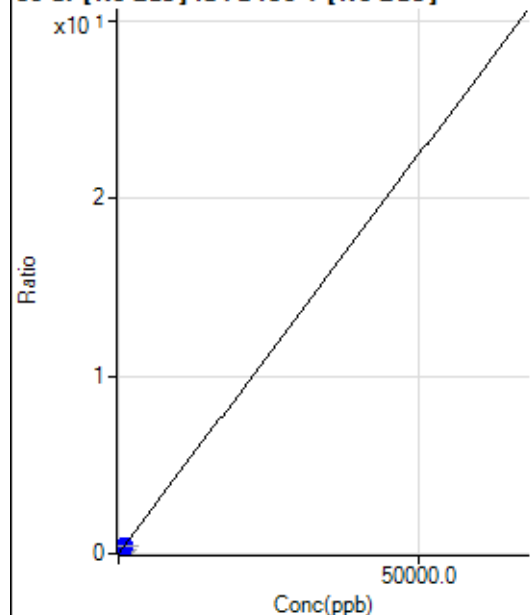
$$DL = 0.4809$$

$$BEC = 0.06282$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1122.32    | 0.0001 | P    | 4.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.868      | 5042.77    | 0.0005 | P    | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.718     | 221389.11  | 0.0220 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 124.339    | 559940.08  | 0.0559 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 246.873    | 1111687.21 | 0.1110 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 494.931    | 2198885.57 | 0.2224 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.463   | 4412222.15 | 0.4507 | P    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 126220.01  | 0.0133 | P    | 1.2 |

$$y = 4.4904\text{E-}004 * x + 1.1205\text{E-}004$$

$$R = 1.0000$$

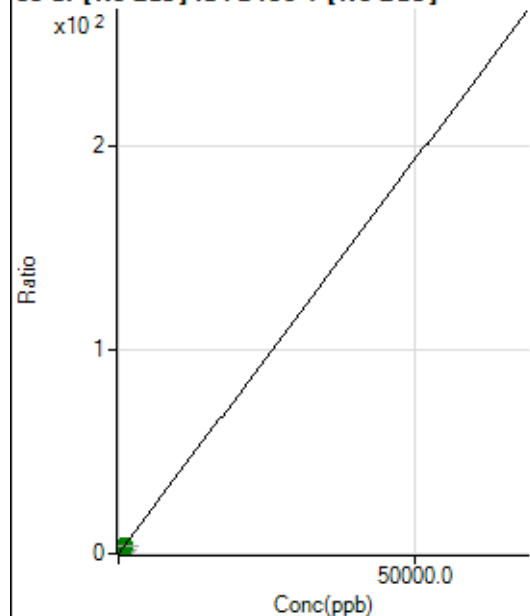
$$DL = 0.0348$$

$$BEC = 0.2495$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 188.90      | 0.0000 | P    | 6.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.895      | 35060.51    | 0.0035 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.426     | 1929420.72  | 0.1916 | P    | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 126.976    | 4926932.27  | 0.4923 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 246.226    | 9563163.75  | 0.9546 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 496.142    | 19020516.75 | 1.9234 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.654   | 38052780.02 | 3.8870 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 1092054.66  | 0.1150 | P    | 0.3 |

$$y = 0.0039 * x + 1.8859\text{E-}005$$

$$R = 1.0000$$

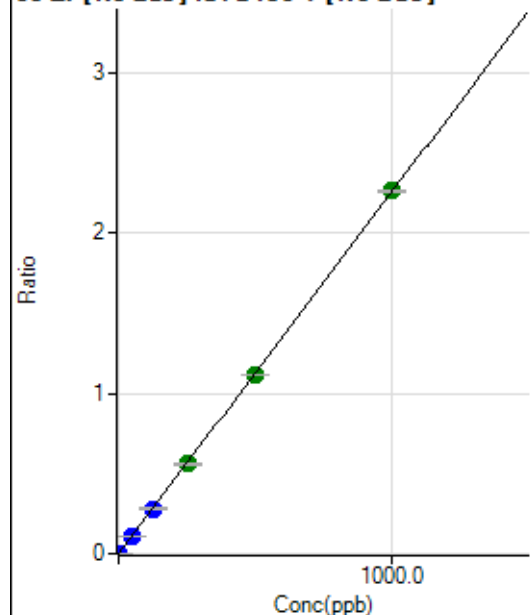
$$DL = 0.0009367$$

$$BEC = 0.004865$$

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      | 563.92      | 0.0001 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.710      | 16646.40    | 0.0017 | P    | 4.3 |
| 4 | <input type="checkbox"/> | 50.000   | 47.862     | 1086918.24  | 0.1080 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 124.673    | 2813450.78  | 0.2811 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 247.783    | 5596321.79  | 0.5586 | A    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 493.651    | 11005225.07 | 1.1129 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.877   | 22154949.97 | 2.2631 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 6234.95     | 0.0007 | P    | 3.1 |

$$y = 0.0023 * x + 5.6308E-005$$

$$R = 1.0000$$

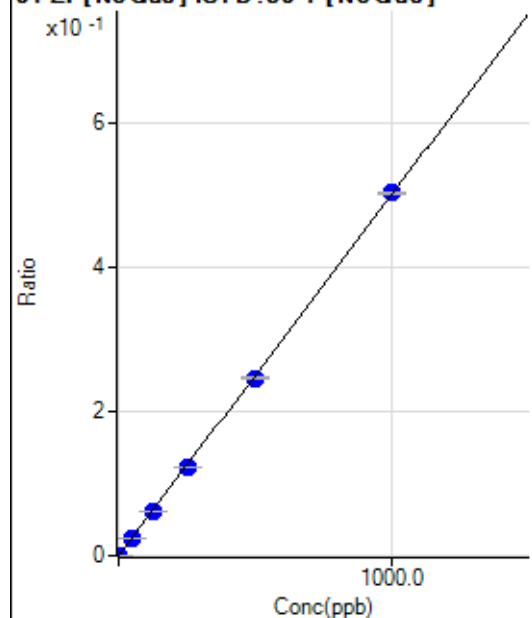
$$DL = 0.0008354$$

$$BEC = 0.02498$$

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      | 152.79     | 0.0000 | P    | 19.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.689      | 3620.07    | 0.0004 | P    | 4.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.019     | 242461.09  | 0.0241 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.354    | 618894.08  | 0.0618 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 245.801    | 1234237.86 | 0.1232 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 492.481    | 2440908.13 | 0.2468 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.114   | 4931684.49 | 0.5038 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1311.23    | 0.0001 | P    | 10.0 |

$$y = 5.0117E-004 * x + 1.5253E-005$$

$$R = 0.9999$$

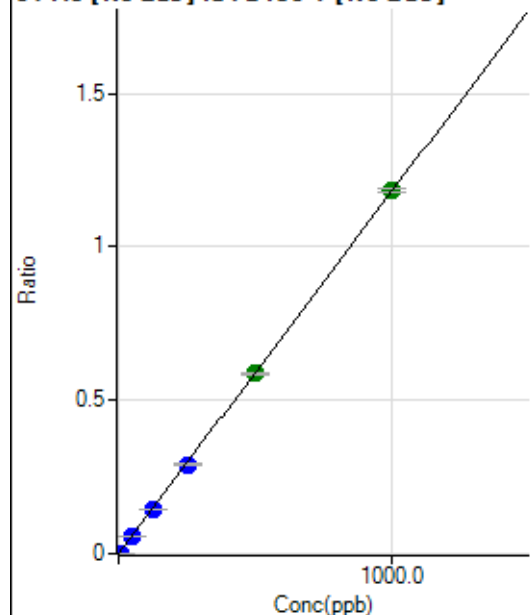
$$DL = 0.01735$$

$$BEC = 0.03044$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 241.68      | 0.0000 | P    | 11.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.874      | 22443.38    | 0.0022 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.314     | 561976.15   | 0.0558 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 122.312    | 1443742.42  | 0.1442 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 246.482    | 2911865.82  | 0.2907 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 497.039    | 5795917.01  | 0.5861 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.846   | 11576603.12 | 1.1825 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 21714.57    | 0.0023 | P    | 5.3  |

$$y = 0.0012 * x + 2.4126E-005$$

$$R = 1.0000$$

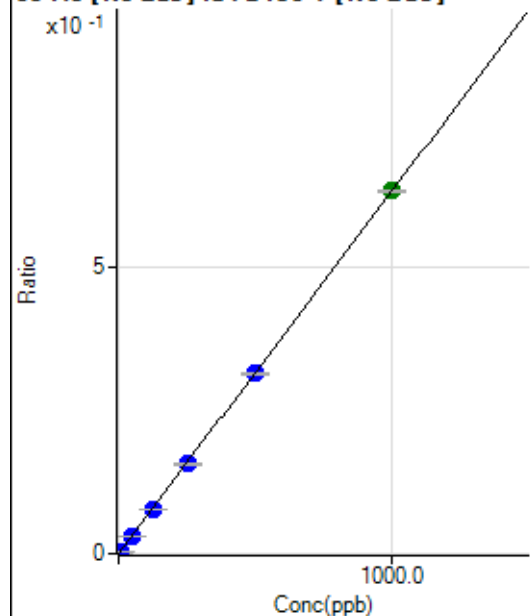
$$DL = 0.007154$$

$$BEC = 0.02046$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.12      | 0.0000 | P    | 62.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.552      | 28907.93   | 0.0029 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 47.352     | 300602.75  | 0.0299 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.005    | 776075.90  | 0.0775 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 248.133    | 1566840.10 | 0.1564 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 497.271    | 3099596.69 | 0.3134 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.215   | 6184431.91 | 0.6317 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 33571.24   | 0.0035 | P    | 7.3  |

$$y = 6.3031E-004 * x + 8.5949E-006$$

$$R = 1.0000$$

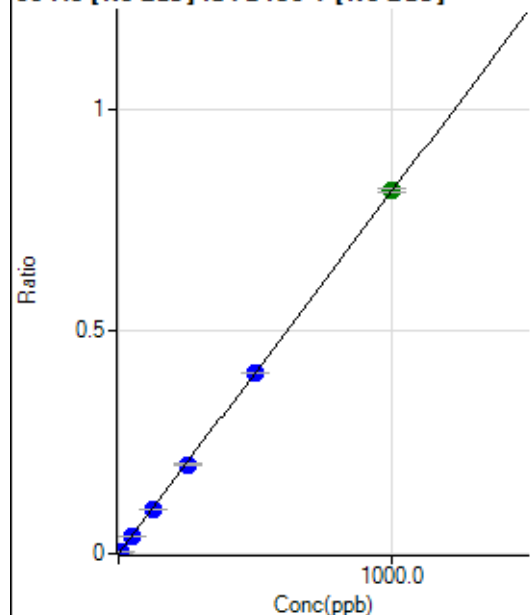
$$DL = 0.02568$$

$$BEC = 0.01364$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 155.56     | 0.0000 | P    | 13.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.838      | 31527.31   | 0.0031 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.210     | 386890.62  | 0.0384 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.807    | 1000177.95 | 0.0999 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 245.987    | 2005037.89 | 0.2002 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 497.539    | 4003181.21 | 0.4048 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.653   | 7986107.04 | 0.8158 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 41107.51   | 0.0043 | P    | 6.3  |

$$y = 8.1360E-004 * x + 1.5528E-005$$

$$R = 1.0000$$

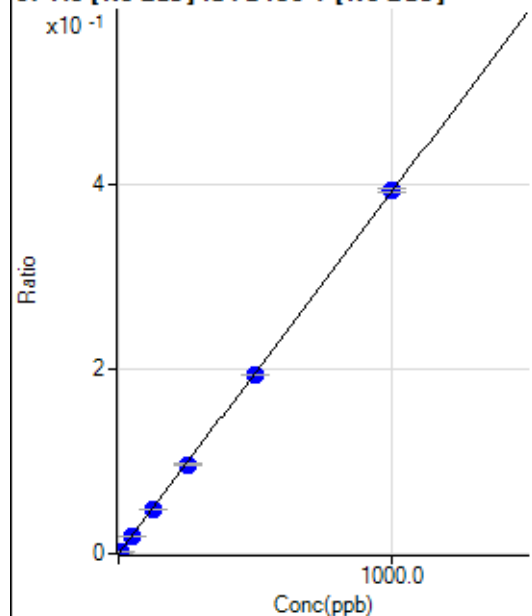
$$DL = 0.007541$$

$$BEC = 0.01909$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 61.11      | 0.0000 | P    | 15.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.510      | 17808.98   | 0.0018 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 47.223     | 186282.29  | 0.0185 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 123.520    | 484263.58  | 0.0484 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 245.875    | 964747.96  | 0.0963 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 495.974    | 1921064.19 | 0.1943 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.371   | 3847271.27 | 0.3930 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 20687.99   | 0.0022 | P    | 5.9  |

$$y = 3.9167E-004 * x + 6.1001E-006$$

$$R = 1.0000$$

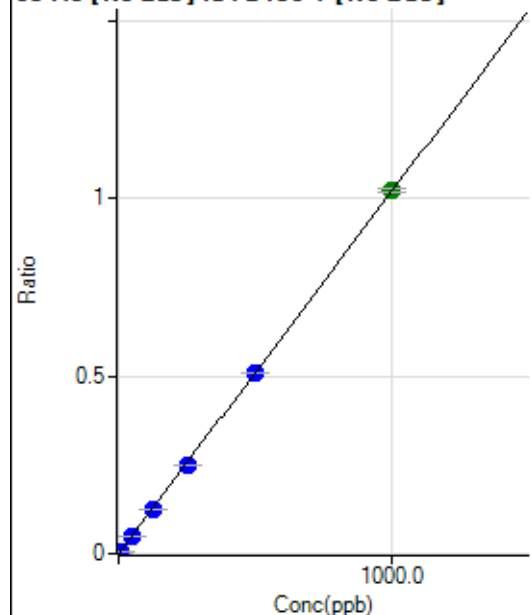
$$DL = 0.007227$$

$$BEC = 0.01557$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89       | 0.0000 | P    | 35.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.447      | 45612.96    | 0.0045 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 47.064     | 482987.86   | 0.0480 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 122.323    | 1247725.54  | 0.1247 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 245.182    | 2503131.61  | 0.2499 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 498.137    | 5020066.60  | 0.5076 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.620   | 10002443.63 | 1.0218 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 53719.16    | 0.0057 | P    | 5.8  |

$$y = 0.0010 * x + 8.8752E-006$$

$$R = 1.0000$$

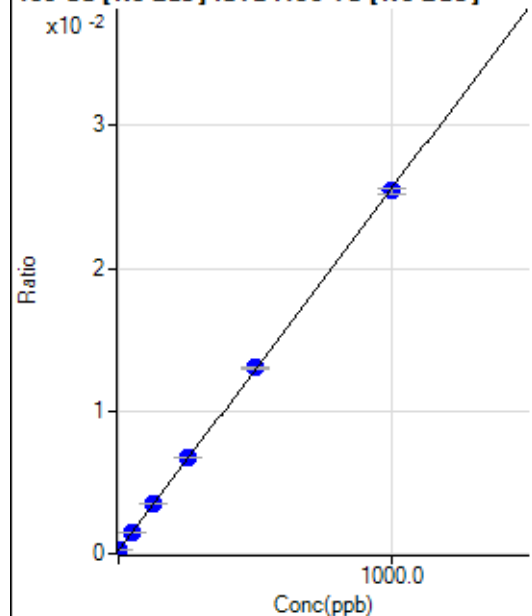
$$DL = 0.009258$$

$$BEC = 0.008709$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2480.89   | 0.0002 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.692      | 2667.03   | 0.0002 | P    | 2.1 |
| 4 | <input type="checkbox"/> | 50.000   | 50.553     | 17161.02  | 0.0015 | P    | 2.2 |
| 5 | <input type="checkbox"/> | 125.000  | 129.833    | 40071.67  | 0.0035 | P    | 2.5 |
| 6 | <input type="checkbox"/> | 250.000  | 258.637    | 77791.54  | 0.0068 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.590    | 147770.67 | 0.0130 | P    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.414    | 285027.36 | 0.0254 | P    | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 2111.36   | 0.0002 | P    | 8.3 |

$$y = 2.5348E-005 * x + 2.1685E-004$$

$$R = 0.9999$$

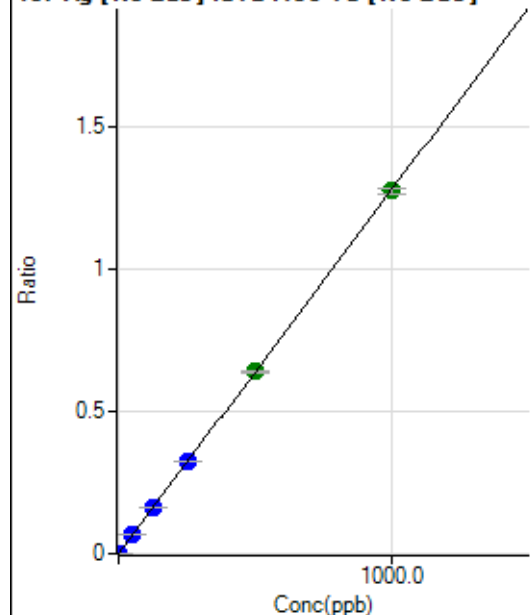
$$DL = 0.7354$$

$$BEC = 8.555$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34       | 0.0000 | P    | 42.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.588      | 23167.14    | 0.0020 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.904     | 745702.78   | 0.0651 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 128.237    | 1873667.51  | 0.1640 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.825    | 3728450.86  | 0.3246 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 501.953    | 7278724.99  | 0.6419 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.617    | 14303220.11 | 1.2758 | A    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 1477.93     | 0.0001 | P    | 4.1  |

$$y = 0.0013 * x + 5.0987E-006$$

$$R = 1.0000$$

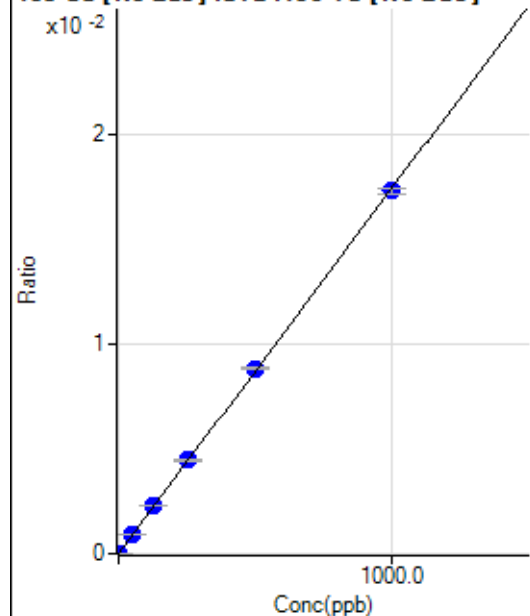
$$DL = 0.005136$$

$$BEC = 0.003987$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.33      | 0.0000 | P    | 50.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.934      | 193.06    | 0.0000 | P    | 8.4  |
| 4 | <input type="checkbox"/> | 50.000   | 51.733     | 10308.11  | 0.0009 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 129.690    | 25763.93  | 0.0023 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 256.865    | 51288.50  | 0.0045 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 506.695    | 99869.50  | 0.0088 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.264    | 193763.42 | 0.0173 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 36.11     | 0.0000 | P    | 44.5 |

$$y = 1.7382E-005 * x + 7.2957E-007$$

$$R = 0.9999$$

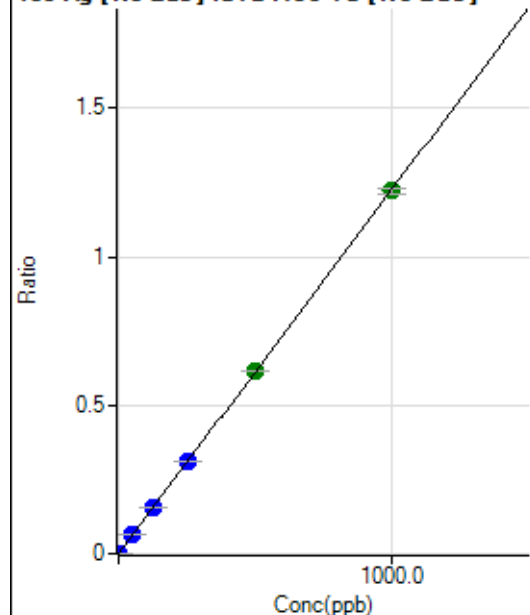
$$DL = 0.06334$$

$$BEC = 0.04197$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78       | 0.0000 | P    | 34.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.532      | 21378.02    | 0.0019 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.756     | 712096.47   | 0.0622 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.476    | 1797814.82  | 0.1574 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 254.162    | 3575570.52  | 0.3113 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 501.620    | 6966565.52  | 0.6144 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.677    | 13700054.82 | 1.2220 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 1511.26     | 0.0001 | P    | 10.1 |

$$y = 0.0012 * x + 2.4270E-006$$

$$R = 1.0000$$

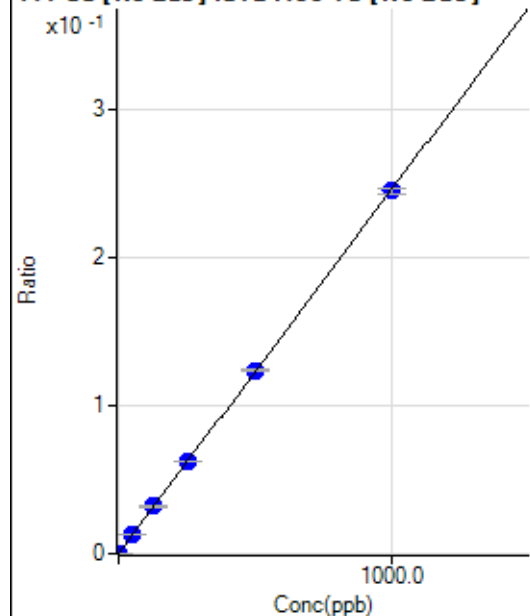
$$DL = 0.00205$$

$$BEC = 0.001982$$

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      | 1739.12    | 0.0002 | P    | 3.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.011      | 4557.13    | 0.0004 | P    | 3.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.942     | 145131.81  | 0.0127 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 129.088    | 364141.31  | 0.0319 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 254.046    | 718801.96  | 0.0626 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 502.979    | 1403200.75 | 0.1238 | P    | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.941    | 2748402.38 | 0.2451 | P    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 1883.24    | 0.0002 | P    | 5.3 |

$$y = 2.4574E-004 * x + 1.5201E-004$$

$$R = 1.0000$$

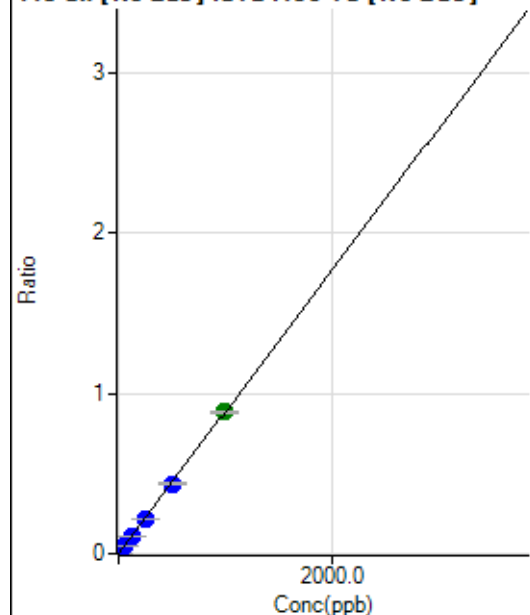
$$DL = 0.05935$$

$$BEC = 0.6186$$

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      | 961.19     | 0.0001 | P   | 4.5  |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.665      | 47768.21   | 0.0042 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 48.370     | 489487.98  | 0.0427 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.545    | 1245512.88 | 0.1090 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 247.039    | 2502939.90 | 0.2179 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 494.791    | 4947963.13 | 0.4364 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.610   | 9922216.28 | 0.8850 | A   | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 14002.03   | 0.0013 | P   | 11.8 |

$$y = 8.8177\text{E-}004 * x + 8.4025\text{E-}005$$

$$R = 1.0000$$

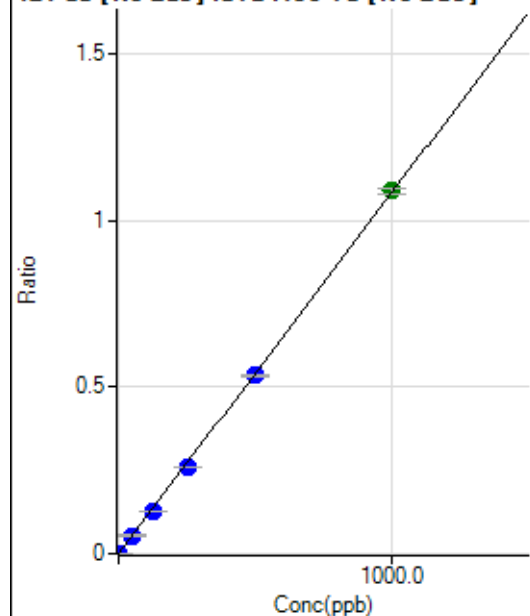
$$DL = 0.01298$$

$$BEC = 0.09529$$

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      | 69.45       | 0.0000 | P   | 48.2 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.807      | 22326.88    | 0.0020 | P   | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.630     | 627896.70   | 0.0548 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 115.757    | 1431847.18  | 0.1253 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 240.669    | 2992858.90  | 0.2606 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 494.191    | 6066971.84  | 0.5351 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.361   | 12215547.06 | 1.0896 | A   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 62986.57    | 0.0059 | P   | 5.5  |

$$y = 0.0011 * x + 6.0639\text{E-}006$$

$$R = 0.9999$$

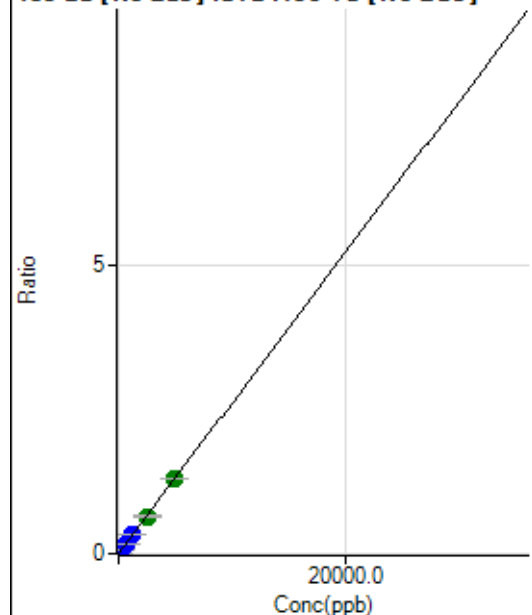
$$DL = 0.008093$$

$$BEC = 0.005601$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.44       | 0.0000 | P    | 49.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.340      | 27706.28    | 0.0024 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 250.000  | 243.187    | 725566.97   | 0.0633 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 625.000  | 624.293    | 1857740.10  | 0.1626 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.797   | 3736027.56  | 0.3253 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.362   | 7319614.83  | 0.6455 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5011.550   | 14634860.57 | 1.3053 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 5142.84     | 0.0005 | P    | 1.1  |

$$y = 2.6047\text{E-}004 * x + 1.6986\text{E-}006$$

$$R = 1.0000$$

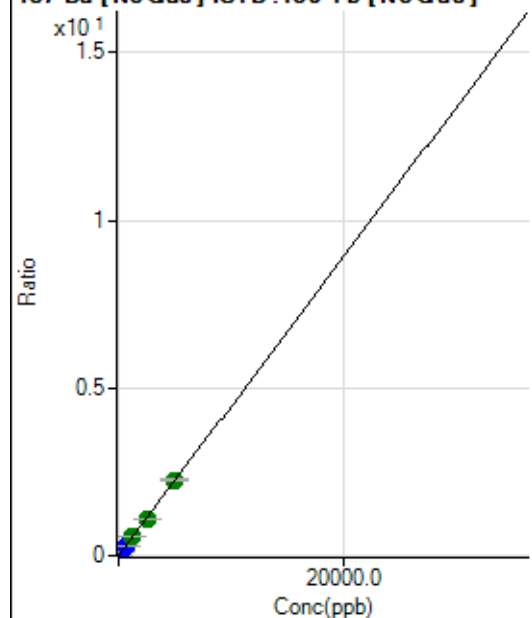
$$DL = 0.009664$$

$$BEC = 0.006521$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67       | 0.0000 | P    | 35.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.461      | 48212.55    | 0.0042 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 246.712    | 1264298.73  | 0.1104 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 630.579    | 3222952.96  | 0.2821 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1243.293   | 6388685.47  | 0.5562 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2480.022   | 12580497.33 | 1.1095 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 5011.134   | 25132934.94 | 2.2419 | A    | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 8947.68     | 0.0008 | P    | 7.4  |

$$y = 4.4738\text{E-}004 * x + 3.6465\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.008557$$

$$BEC = 0.008151$$

Weight: &lt;None&gt;

Min Conc: 0

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

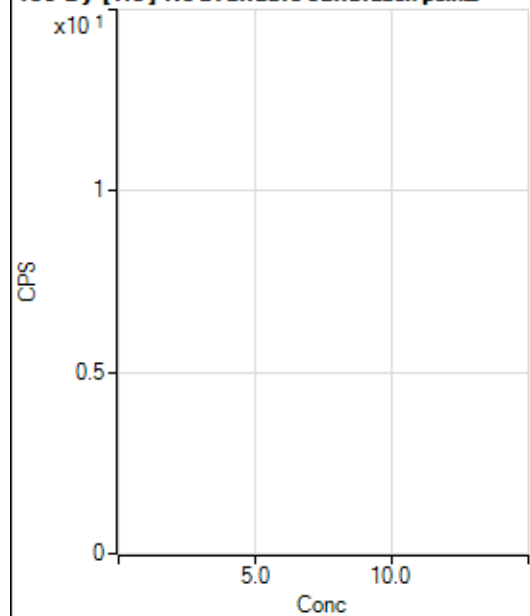
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 35.2 |
| 5 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 9.9  |
| 6 | <input type="checkbox"/> |       |            | 113.34 |       | P        | 31.1 |
| 7 | <input type="checkbox"/> |       |            | 246.68 |       | P        | 31.2 |
| 8 | <input type="checkbox"/> |       |            | 457.80 |       | P        | 13.1 |
| 9 | <input type="checkbox"/> |       |            | 157.78 |       | P        | 16.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 66.7 |
| 6 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 21.7 |
| 7 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 28.4 |
| 8 | <input type="checkbox"/> |       |            | 64.44 |       | P        | 3.0  |
| 9 | <input type="checkbox"/> |       |            | 57.78 |       | P        | 39.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 4 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 32.7 |
| 6 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 35.2 |
| 7 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 10.0 |
| 8 | <input type="checkbox"/> |       |            | 155.56 |       | P        | 11.2 |
| 9 | <input type="checkbox"/> |       |            | 166.68 |       | P        | 40.9 |

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

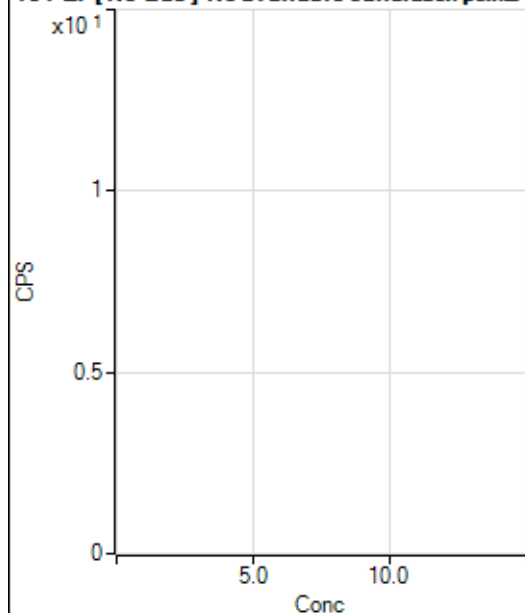
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7 |
| 6 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 61.9 |
| 7 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 61.6 |
| 8 | <input type="checkbox"/> |       |            | 36.67 |       | P        | 15.7 |
| 9 | <input type="checkbox"/> |       |            | 87.78 |       | P        | 5.8  |

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

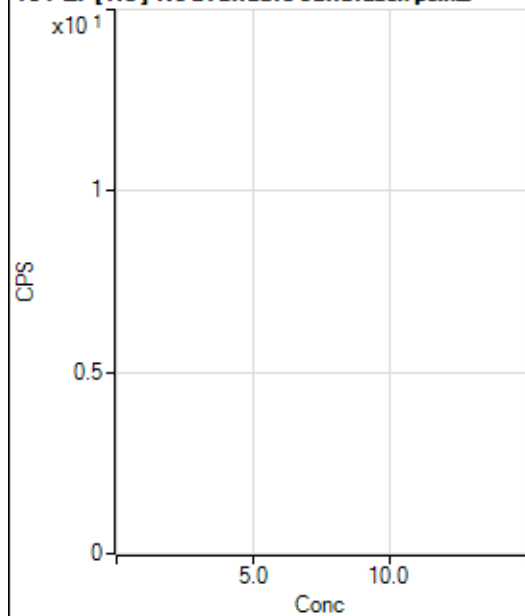
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 60.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 47.9 |
| 4 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 14.8 |
| 5 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 69.1 |
| 6 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 21.5 |
| 7 | <input type="checkbox"/> |       |            | 127.79 |       | P        | 27.2 |
| 8 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 45.8 |
| 9 | <input type="checkbox"/> |       |            | 163.90 |       | P        | 22.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 22.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 23.6 |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 26.4 |
| 5 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 52.7 |
| 6 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 17.8 |
| 7 | <input type="checkbox"/> |       |            | 52.22  |       | P        | 3.7  |
| 8 | <input type="checkbox"/> |       |            | 54.45  |       | P        | 24.7 |
| 9 | <input type="checkbox"/> |       |            | 113.34 |       | P        | 20.4 |

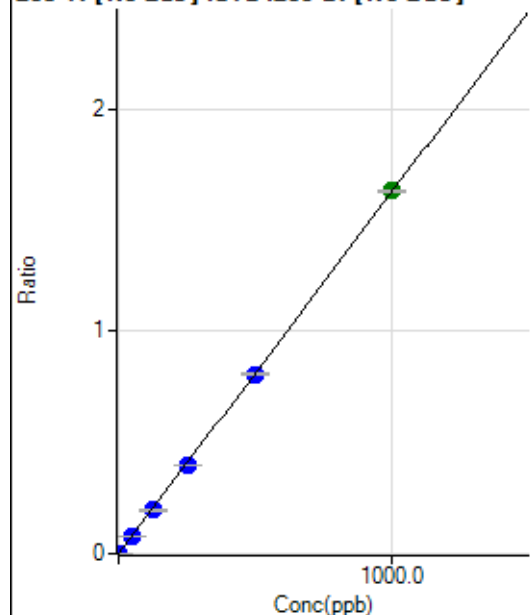
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 25.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 39.8 |
| 4 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 48.2 |
| 5 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 6 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 44.6 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 44.6 |
| 8 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 63.8 |
| 9 | <input type="checkbox"/> |       |            | 97.23 |       | P        | 40.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 27.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 21.7 |
| 4 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 33.4 |
| 5 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 27.1 |
| 6 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 24.0 |
| 7 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 17.6 |
| 8 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 21.6 |
| 9 | <input type="checkbox"/> |       |            | 72.23 |       | P        | 43.6 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89       | 0.0000 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.931      | 10237.80    | 0.0015 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 47.055     | 521390.62   | 0.0765 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 120.398    | 1339149.81  | 0.1956 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 243.090    | 2696292.90  | 0.3950 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 495.697    | 5291715.09  | 0.8055 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.601   | 10462698.76 | 1.6324 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3158.86     | 0.0006 | P    | 8.1  |

$$y = 0.0016 * x + 9.3124E-006$$

$$R = 1.0000$$

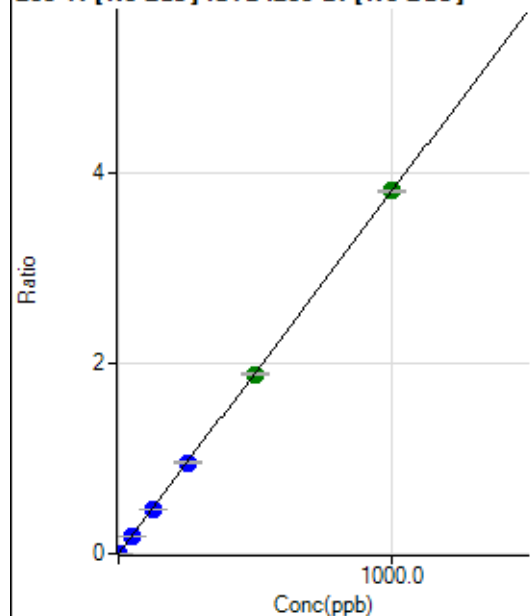
$$DL = 0.003523$$

$$BEC = 0.005731$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 161.12      | 0.0000 | P    | 12.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.950      | 24465.14    | 0.0036 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.055     | 1246064.31  | 0.1828 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.310    | 3235802.20  | 0.4727 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.838    | 6536754.31  | 0.9577 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.619    | 12381691.94 | 1.8847 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.915   | 24418944.99 | 3.8099 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 7063.29     | 0.0012 | P    | 4.1  |

$$y = 0.0038 * x + 2.3475E-005$$

$$R = 1.0000$$

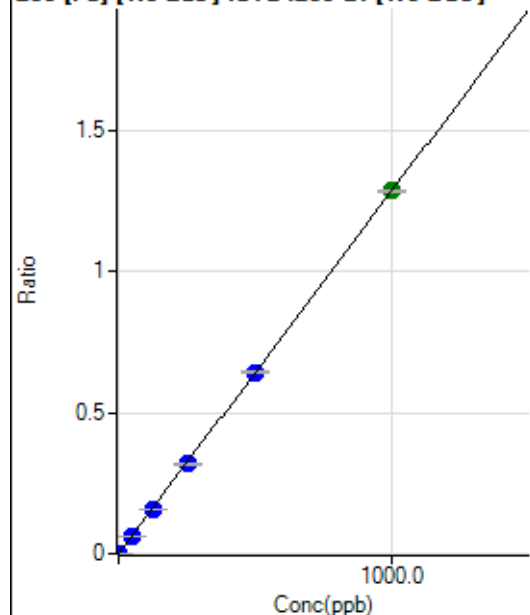
$$DL = 0.00232$$

$$BEC = 0.006173$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 711.15     | 0.0001 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.935      | 8786.48    | 0.0013 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.886     | 420312.74  | 0.0616 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.000    | 1082751.31 | 0.1582 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 247.306    | 2170083.63 | 0.3179 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 499.910    | 4221506.66 | 0.6426 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.074   | 8246863.15 | 1.2867 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 16644.14   | 0.0029 | P    | 2.8  |

$$y = 0.0013 * x + 1.0360E-004$$

$$R = 1.0000$$

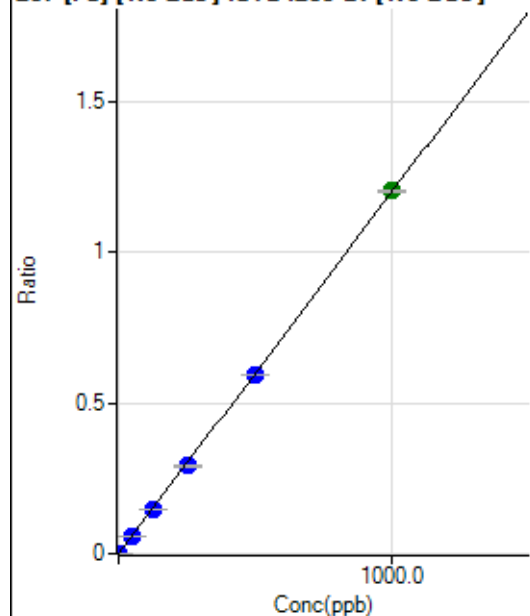
$$DL = 0.02865$$

$$BEC = 0.08061$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 531.51     | 0.0001 | P    | 10.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.920      | 7939.61    | 0.0012 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.213     | 386316.82  | 0.0567 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 121.585    | 997961.03  | 0.1458 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 243.391    | 1991493.01 | 0.2918 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 494.651    | 3895181.80 | 0.5929 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.893   | 7719571.59 | 1.2044 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 14293.24   | 0.0025 | P    | 3.8  |

$$y = 0.0012 * x + 7.7419E-005$$

$$R = 1.0000$$

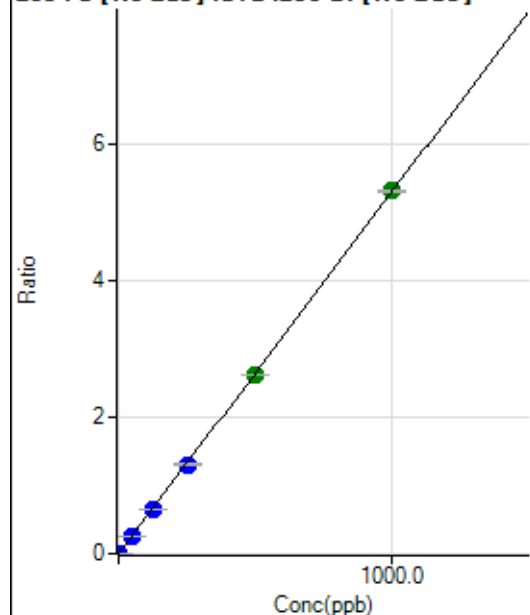
$$DL = 0.02073$$

$$BEC = 0.0646$$

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 | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2666.86     | 0.0004 | P   | 7.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.931      | 35810.61    | 0.0053 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 47.703     | 1726510.19  | 0.2532 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 122.564    | 4449255.68  | 0.6500 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 246.519    | 8921063.09  | 1.3070 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 494.131    | 17208587.04 | 2.6194 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.224   | 34116710.37 | 5.3229 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 65458.69    | 0.0115 | P   | 3.8 |

$$y = 0.0053 * x + 3.8843E-004$$

$$R = 1.0000$$

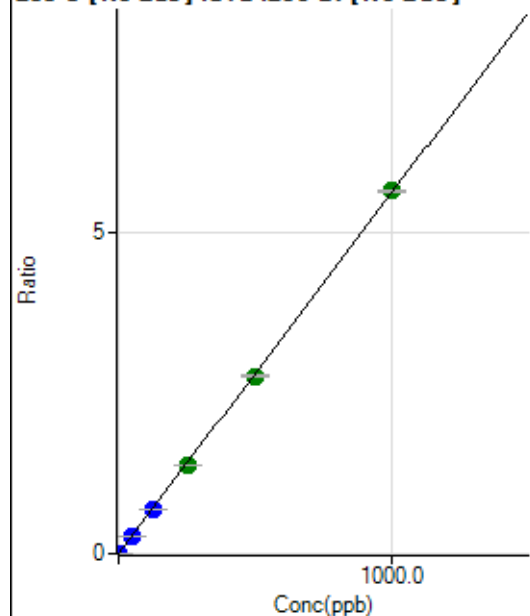
$$DL = 0.01545$$

$$BEC = 0.07329$$

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 | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45      | 0.0000 | P   | 31.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 36162.34    | 0.0054 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.106     | 1806828.75  | 0.2650 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 122.523    | 4717926.50  | 0.6892 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 245.520    | 9427139.36  | 1.3811 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 491.162    | 18152169.85 | 2.7629 | A   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.993   | 36271139.01 | 5.6590 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 8739.45     | 0.0015 | P   | 3.2  |

$$y = 0.0056 * x + 2.1012E-005$$

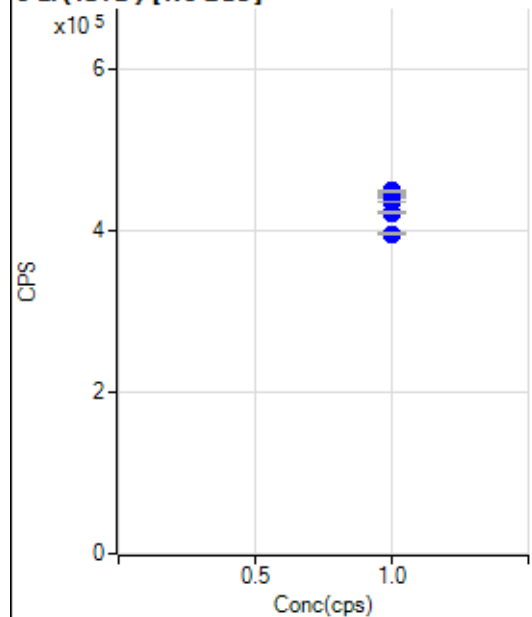
$$R = 0.9999$$

$$DL = 0.003511$$

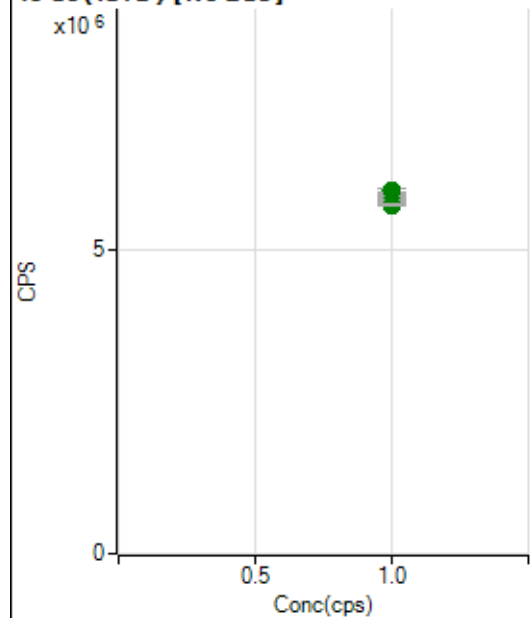
$$BEC = 0.003735$$

Weight: &lt;None&gt;

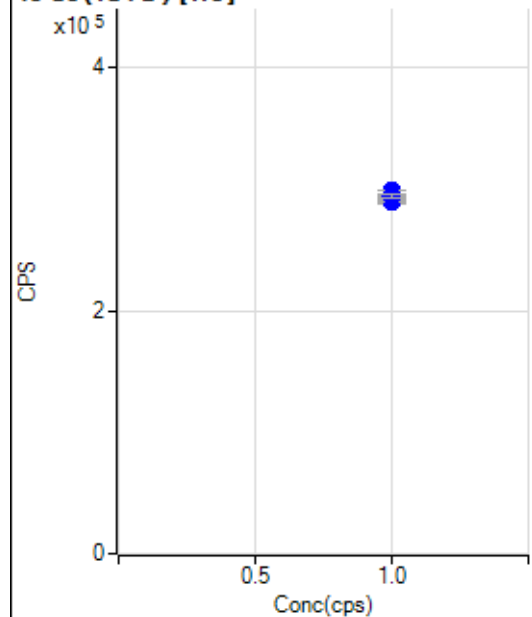
Min Conc: 0

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

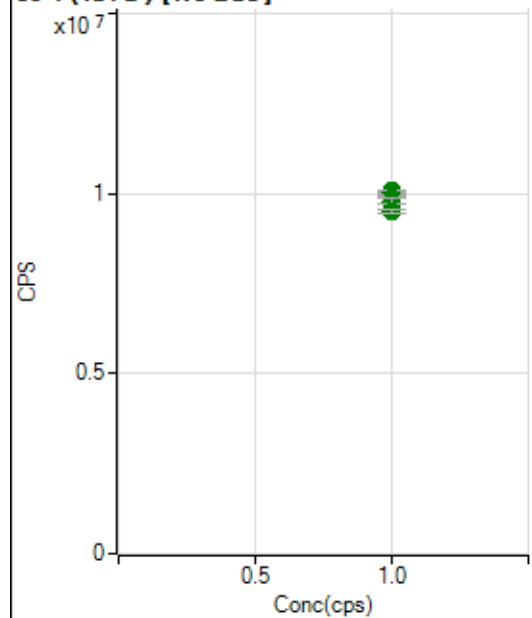
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 449634.93 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 442197.24 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 446531.11 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 448987.23 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 449412.29 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 436114.81 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 422093.96 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 396250.04 |       | P        | 0.9 |

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

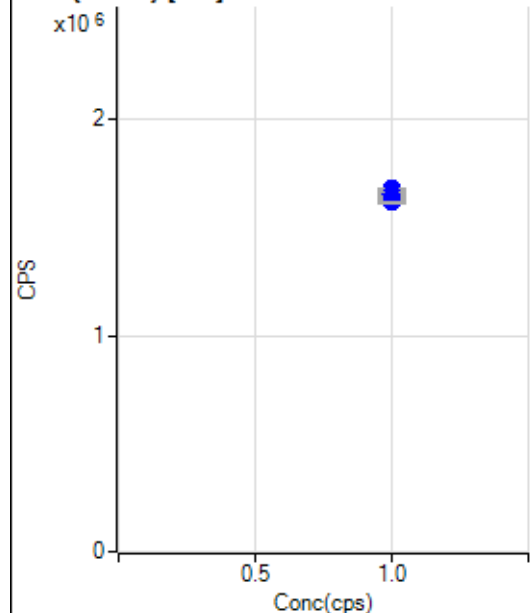
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5879868.84 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5956152.87 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5937852.17 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5876790.02 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5866656.77 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5868097.36 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5788894.01 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5721164.76 |       | A        | 0.4 |

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

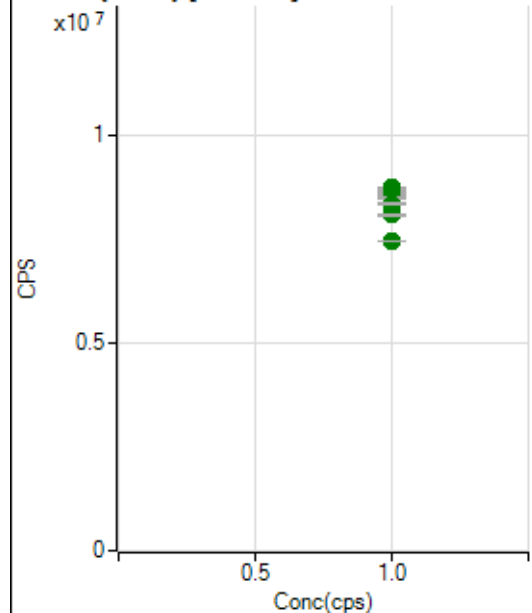
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 295701.08 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 298504.47 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 294404.12 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 291694.11 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 291853.93 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 288971.02 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 290825.10 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 294087.60 |       | P        | 1.1 |

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

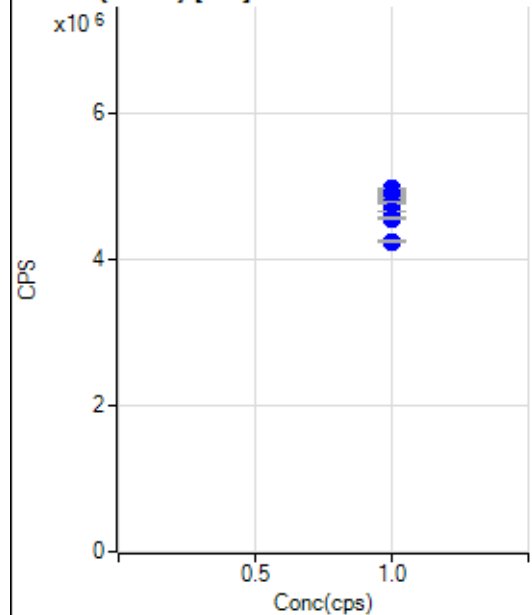
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10015132.21 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10046181.17 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10068566.03 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10008686.45 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10018712.14 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9888990.20  |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9790369.93  |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9495180.00  |       | A        | 1.0 |

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

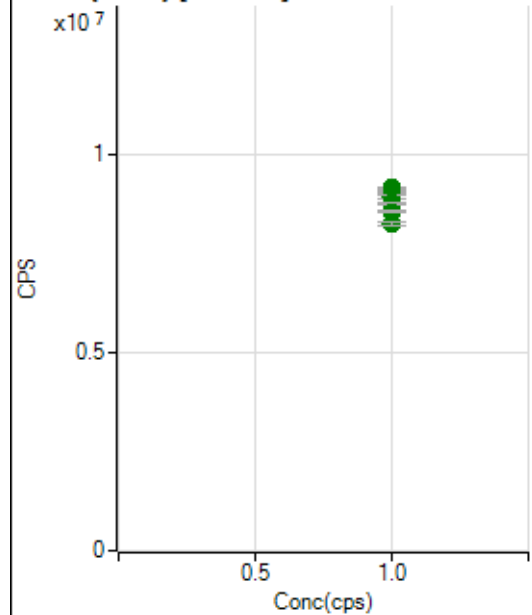
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1656632.09 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1678092.15 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1654357.55 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1638849.19 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1633905.65 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1625420.55 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1618747.84 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1615495.97 |       | P        | 0.6 |

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

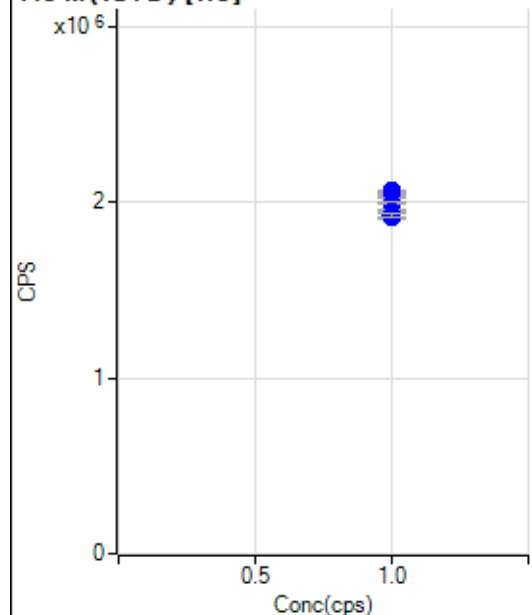
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8682433.96 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8718819.99 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8676923.89 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8573665.56 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8485894.98 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8324544.98 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8076983.34 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7424076.12 |       | A        | 0.1 |

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

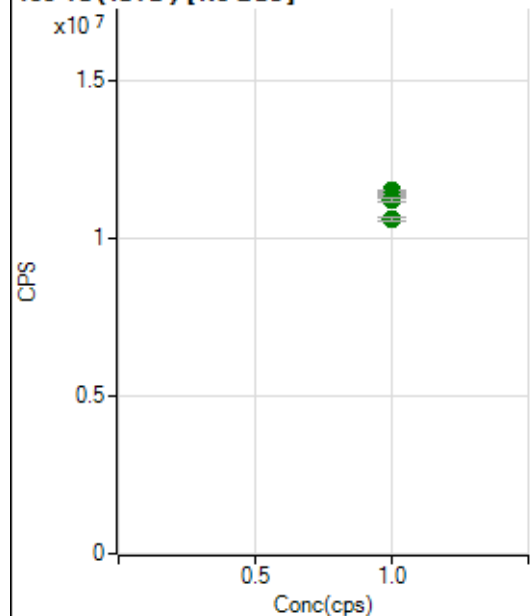
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4914557.71 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4966574.72 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4890056.67 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4833802.43 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4774257.43 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4663313.68 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4564174.55 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4244949.34 |       | P        | 0.7 |

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

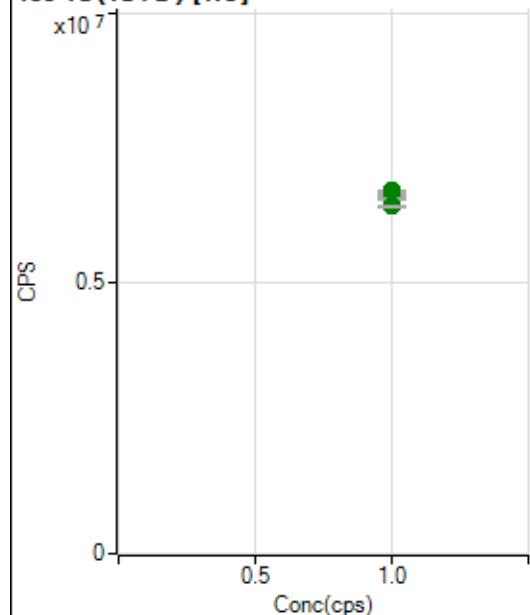
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9058716.21 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9140476.99 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9083305.54 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8993289.37 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8919234.35 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8760520.44 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8548168.75 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8229019.57 |       | A        | 1.0 |

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

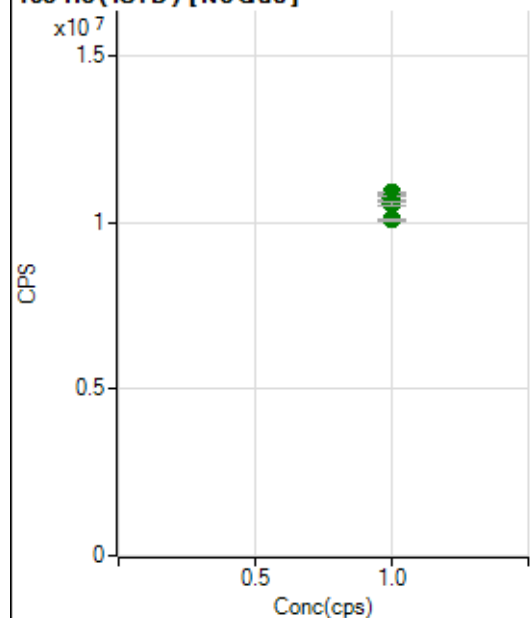
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2056055.27 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2067304.67 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2043782.00 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2026812.89 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1999140.55 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1955453.17 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1916602.83 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1931022.72 |       | P        | 1.2 |

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

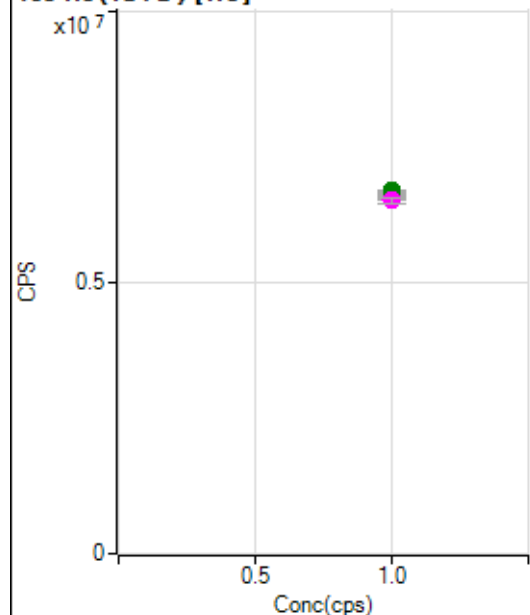
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11439718.44 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11380521.22 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11454408.16 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11425152.33 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11485968.72 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11339042.61 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11212750.81 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10612387.55 |       | A        | 1.0 |

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

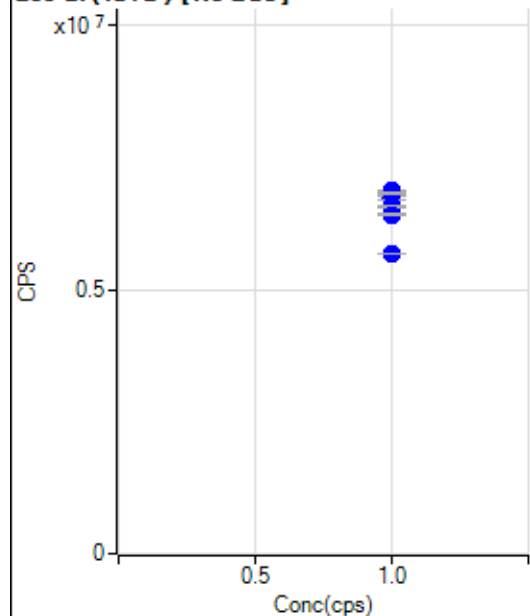
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6680085.18 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6713751.78 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6684902.12 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6664024.21 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6644724.62 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6596816.29 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6565995.95 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6425796.09 |       | A        | 1.0 |

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

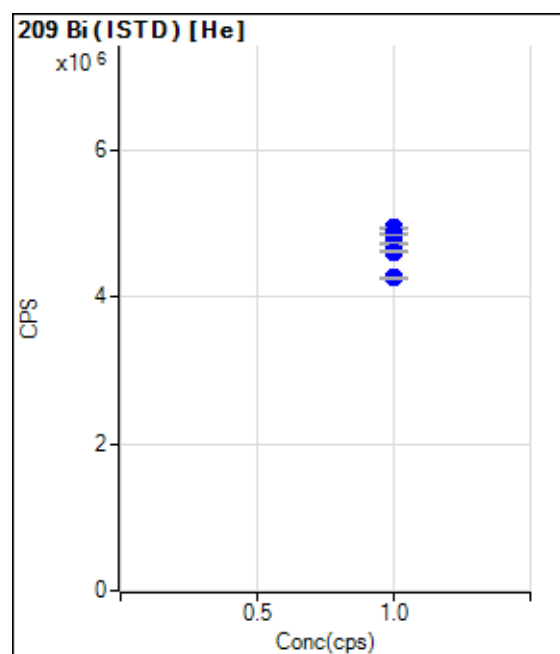
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10901329.24 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10899505.89 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10855883.58 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10895090.26 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10888506.58 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10755054.41 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10559400.24 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10090637.38 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6612995.04 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6692033.17 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6636479.27 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6631832.40 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6618781.01 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6556621.57 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6523590.53 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6515094.35 |       | M        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6866717.12 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6729160.25 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6818251.84 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6845048.79 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6826067.12 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6569785.94 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6409531.57 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5678228.32 |       | P        | 0.3 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4933546.80 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4931764.75 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4920227.77 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4858236.53 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4832556.39 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4717677.18 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4614889.27 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4253275.56 |       | P        | 0.9 |