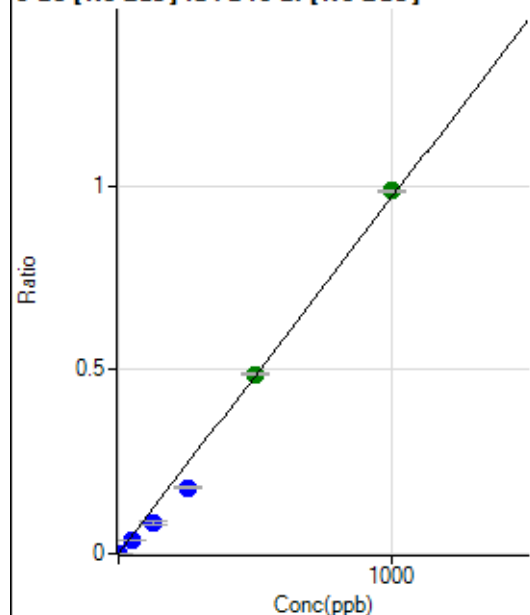


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110624-2.b\  
Analysis File: P7110624-2.batch.bin  
DA Date-Time: 2024-11-07 10:11:38  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-11-06 21:57:38 |
| 2     | 005CALS.d          | S02         | 2024-11-06 22:01:11 |
| 3     | 006CALS.d          | S03         | 2024-11-06 22:04:45 |
| 4     | 007CALS.d          | S04         | 2024-11-06 22:09:28 |
| 5     | 008CALS.d          | S05         | 2024-11-06 22:16:01 |
| 6     | 009CALS.d          | S06         | 2024-11-06 22:19:14 |
| 7     | 010CALS.d          | S07         | 2024-11-06 22:22:26 |
| 8     | 011CALS.d          | S08         | 2024-11-06 22:25:39 |

Calibration for 096SMPL.d

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.56      | 0.0000 | P        | 25. |
| 2 | <input type="checkbox"/> | 1.000    | 0.767      | 1700.11    | 0.0008 | P        | 3.9 |
| 3 | <input type="checkbox"/> | 50.000   | 38.447     | 83532.84   | 0.0373 | P        | 1.4 |
| 4 | <input type="checkbox"/> | 125.000  | 87.056     | 195706.78  | 0.0844 | P        | 8.7 |
| 5 | <input type="checkbox"/> | 250.000  | 186.096    | 403911.62  | 0.1804 | P        | 1.7 |
| 6 | <input type="checkbox"/> | 500.000  | 504.306    | 1131785.98 | 0.4888 | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1019.144   | 2430078.82 | 0.9877 | A        | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 181.11     | 0.0001 | P        | 14. |

$y = 9.6914E-004 * x + 3.4759E-005$

R = 0.9976

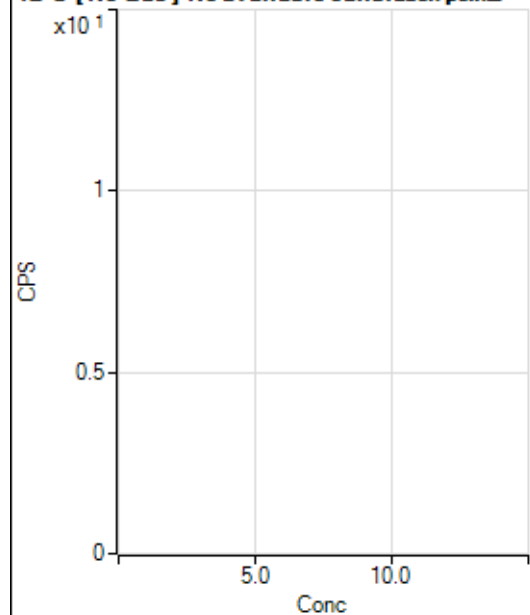
DL = 0.02708

BEC = 0.03587

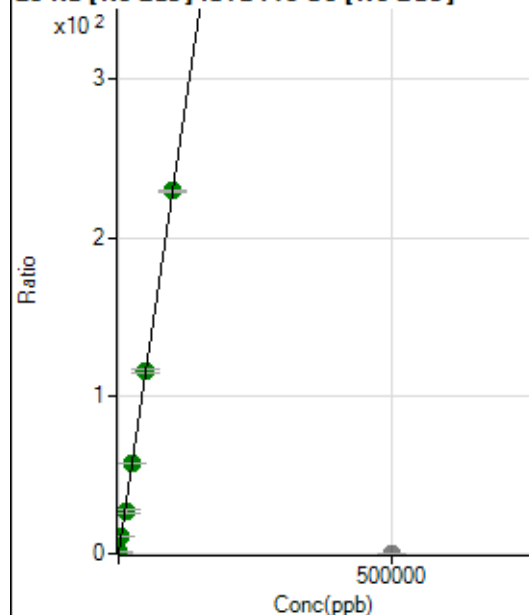
Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 2880741.34 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> |       |            | 2882379.78 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 3100863.52 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> |       |            | 3087422.42 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 3110826.29 |       | A        | 1.7 |
| 6 | <input type="checkbox"/> |       |            | 3237118.25 |       | A        | 4.1 |
| 7 | <input type="checkbox"/> |       |            | 3726856.05 |       | A        | 4.5 |
| 8 | <input type="checkbox"/> |       |            | 3312341.02 |       | A        | 4.8 |

**23 Na [No Gas] ISTD:45 Sc [No Gas]**

|   | Rjct                                | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD  |
|---|-------------------------------------|-----------|------------|--------------|---------|------|------|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 607573.98    | 0.0806  | P    | 1.1  |
| 2 | <input type="checkbox"/>            | 500.000   | 506.117    | 9361802.30   | 1.2419  | A    | 1.5  |
| 3 | <input type="checkbox"/>            | 5000.000  | 4979.464   | 87778969.21  | 11.5058 | A    | 0.5  |
| 4 | <input type="checkbox"/>            | 12500.000 | 11674.165  | 206241013.75 | 26.8666 | A    | 8.4  |
| 5 | <input type="checkbox"/>            | 25000.000 | 24918.407  | 424309467.86 | 57.2550 | A    | 0.9  |
| 6 | <input type="checkbox"/>            | 50000.000 | 50341.990  | 860341377.74 | 115.588 | A    | 1.6  |
| 7 | <input type="checkbox"/>            | 100000.00 | 99953.629  | 1874744932.2 | 229.420 | A    | 0.8  |
| 8 | <input checked="" type="checkbox"/> | 500000.00 | OR         | OR           | 0.0000  | E    | -6.0 |

$$y = 0.0023 * x + 0.0806$$

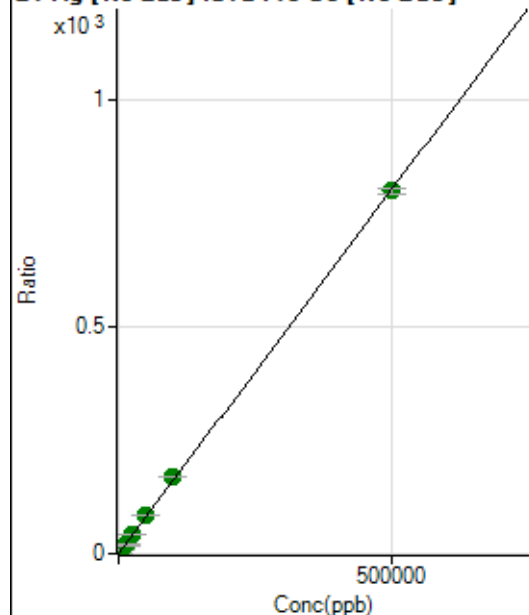
$$R = 1.0000$$

$$DL = 1.113$$

$$BEC = 35.14$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [No Gas] ISTD:45 Sc [No Gas]**

|   | Rjct                     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 109947.50    | 0.0146  | P    | 1.4 |
| 2 | <input type="checkbox"/> | 500.000   | 515.824    | 6338477.06   | 0.8408  | A    | 0.8 |
| 3 | <input type="checkbox"/> | 5000.000  | 5105.546   | 62497745.54  | 8.1927  | A    | 0.6 |
| 4 | <input type="checkbox"/> | 12500.000 | 12149.022  | 149515229.96 | 19.4750 | A    | 7.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 25896.671  | 307535491.33 | 41.4962 | A    | 0.8 |
| 6 | <input type="checkbox"/> | 50000.000 | 52904.539  | 630832343.45 | 84.7577 | A    | 1.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 105218.86  | 1377252670.8 | 168.555 | A    | 1.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 498628.64  | 6248947447.3 | 798.723 | A    | 1.5 |

$$y = 0.0016 * x + 0.0146$$

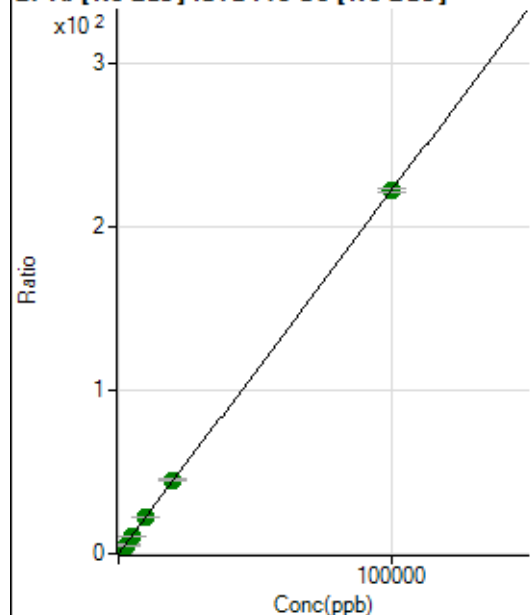
$$R = 0.9999$$

$$DL = 0.3712$$

$$BEC = 9.108$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [No Gas] ISTD :45 Sc [No Gas]**

|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS          | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 103144.74    | 0.0137  | P        | 9.0 |
| 2 | <input type="checkbox"/> | 20.000    | 13.315     | 326496.26    | 0.0433  | P        | 1.9 |
| 3 | <input type="checkbox"/> | 1000.000  | 1022.489   | 17451068.79  | 2.2874  | A        | 0.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2343.042   | 40101605.19  | 5.2240  | A        | 7.8 |
| 5 | <input type="checkbox"/> | 5000.000  | 4967.249   | 81963053.50  | 11.0595 | A        | 0.2 |
| 6 | <input type="checkbox"/> | 10000.000 | 10180.720  | 168632116.18 | 22.6529 | A        | 1.3 |
| 7 | <input type="checkbox"/> | 20000.000 | 20290.929  | 368797127.47 | 45.1352 | A        | 1.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 99929.080  | 1738745190.6 | 222.228 | A        | 1.1 |

$$y = 0.0022 * x + 0.0137$$

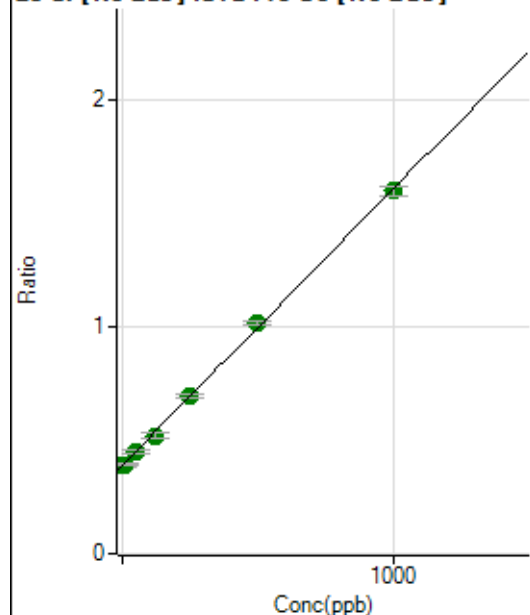
$$R = 1.0000$$

$$DL = 1.661$$

$$BEC = 6.163$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2913375.27  | 0.3867 | A        | 2.9 |
| 2 | <input type="checkbox"/> | 10.000   | 4.872      | 2958410.72  | 0.3926 | A        | 3.1 |
| 3 | <input type="checkbox"/> | 50.000   | 50.343     | 3416107.17  | 0.4480 | A        | 2.8 |
| 4 | <input type="checkbox"/> | 125.000  | 108.347    | 3982281.71  | 0.5186 | A        | 4.2 |
| 5 | <input type="checkbox"/> | 250.000  | 252.302    | 5141330.20  | 0.6938 | A        | 1.5 |
| 6 | <input type="checkbox"/> | 500.000  | 514.160    | 7536303.92  | 1.0125 | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.460    | 13048072.72 | 1.5971 | A        | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 2775842.35  | 0.3549 | A        | 2.1 |

$$y = 0.0012 * x + 0.3867$$

$$R = 0.9997$$

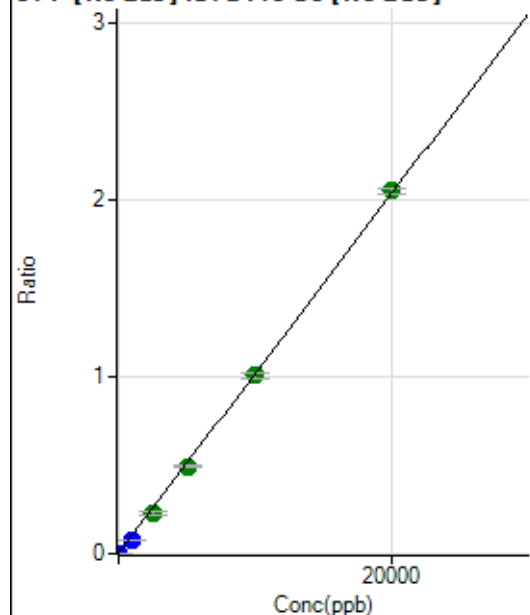
$$DL = 27.75$$

$$BEC = 317.7$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>jt</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -11.423    | 20407.97    | 0.0027 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 0.000     | 11.423     | 37918.78    | 0.0050 | P    | 0.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 735.761    | 599797.84   | 0.0786 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2229.474   | 1768314.91  | 0.2304 | A    | 8.9 |
| 5 | <input type="checkbox"/> | 5000.000  | 4814.447   | 3653327.44  | 0.4930 | A    | 1.7 |
| 6 | <input type="checkbox"/> | 10000.000 | 9866.595   | 7489557.58  | 1.0064 | A    | 2.3 |
| 7 | <input type="checkbox"/> | 20000.000 | 20160.118  | 16769774.18 | 2.0523 | A    | 1.3 |
| 8 | <input type="checkbox"/> |           |            | 20979.18    | 0.0027 | P    | 2.2 |

$$y = 1.0161\text{E-}004 * x + 0.0039$$

$$R = 0.9998$$

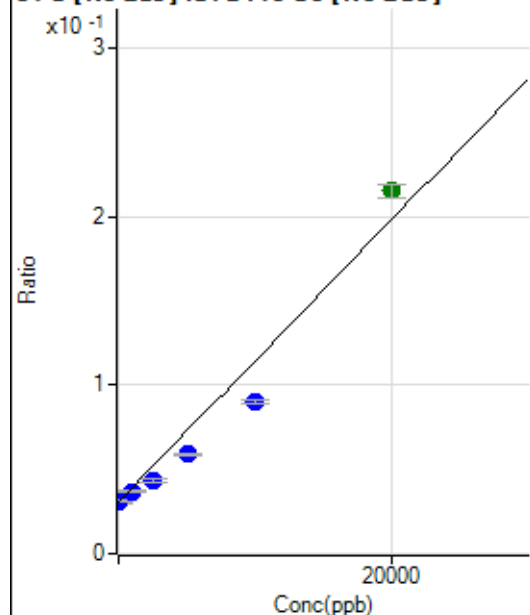
$$DL = 1.057$$

$$BEC = 38.08$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jt</sub>          | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -24.712    | 230955.31  | 0.0307 | P    | 3.4 |
| 2 | <input type="checkbox"/> | 0.000     | 24.712     | 234114.52  | 0.0311 | P    | 3.1 |
| 3 | <input type="checkbox"/> | 1000.000  | 700.379    | 280083.32  | 0.0367 | P    | 2.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 1500.372   | 333268.97  | 0.0434 | P    | 7.2 |
| 5 | <input type="checkbox"/> | 5000.000  | 3360.416   | 437073.87  | 0.0590 | P    | 2.1 |
| 6 | <input type="checkbox"/> | 10000.000 | 7051.892   | 668843.03  | 0.0899 | P    | 3.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 22023.885  | 1757594.99 | 0.2152 | A    | 4.1 |
| 8 | <input type="checkbox"/> |           |            | 217241.34  | 0.0278 | P    | 4.6 |

$$y = 8.3699\text{E-}006 * x + 0.0309$$

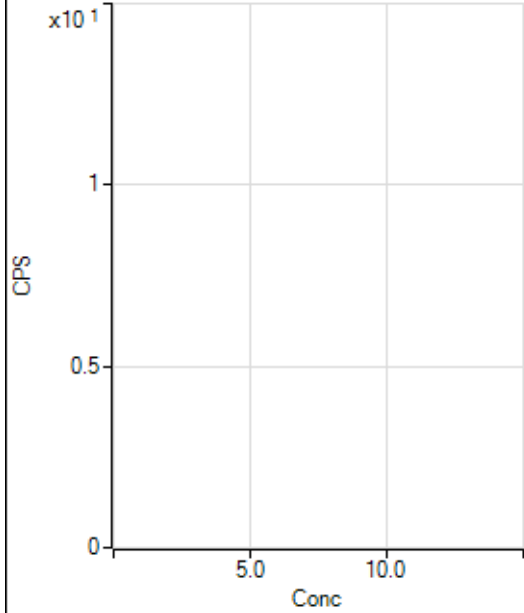
$$R = 0.9826$$

$$DL = 360$$

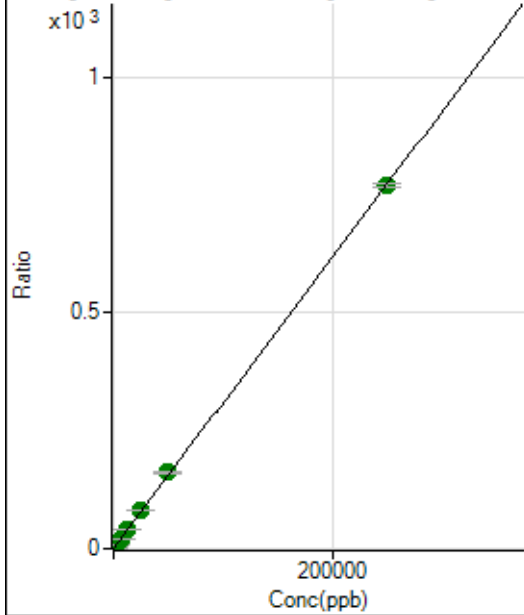
$$BEC = 3688$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjct                     | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |      |     |
| 2 | <input type="checkbox"/> |       |            |     |       |      |     |
| 3 | <input type="checkbox"/> |       |            |     |       |      |     |
| 4 | <input type="checkbox"/> |       |            |     |       |      |     |
| 5 | <input type="checkbox"/> |       |            |     |       |      |     |
| 6 | <input type="checkbox"/> |       |            |     |       |      |     |
| 7 | <input type="checkbox"/> |       |            |     |       |      |     |
| 8 | <input type="checkbox"/> |       |            |     |       |      |     |

**39 K [ No Gas ] ISTD :45 Sc [ No Gas ]**

|   | Rjct                     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3694003.12   | 0.4904  | A    | 3.6 |
| 2 | <input type="checkbox"/> | 500.000   | 522.790    | 15840843.41  | 2.1016  | A    | 1.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2612.625   | 65159448.82  | 8.5423  | A    | 1.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 6072.880   | 147434634.44 | 19.2065 | A    | 8.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12964.633  | 299729282.06 | 40.4463 | A    | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 26252.833  | 605827379.37 | 81.3995 | A    | 2.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 52116.179  | 1316312879.8 | 161.108 | A    | 1.9 |
| 8 | <input type="checkbox"/> | 250000.00 | 249431.50  | 6018097779.1 | 769.218 | A    | 1.2 |

$$y = 0.0031 * x + 0.4904$$

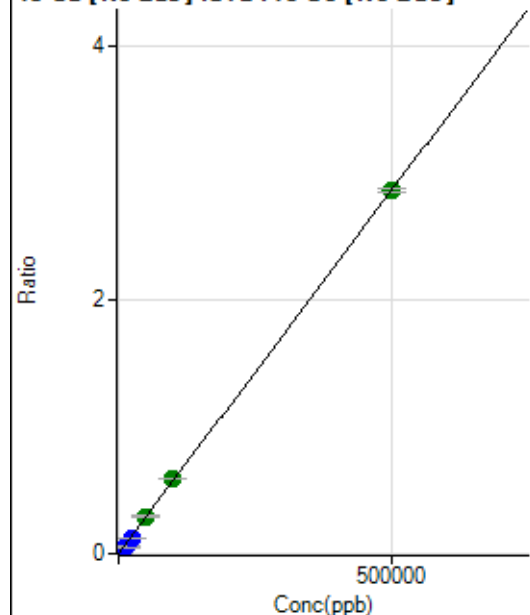
$$R = 1.0000$$

$$DL = 17.41$$

$$BEC = 159.1$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjct                     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1226.74     | 0.0002 | P    | 7.7 |
| 2 | <input type="checkbox"/> | 500.000   | 408.042    | 18855.15    | 0.0025 | P    | 2.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 4082.396   | 179761.12   | 0.0236 | P    | 0.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 9415.335   | 415572.04   | 0.0541 | P    | 7.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 19948.079  | 848555.42   | 0.1145 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 50000.000 | 51388.018  | 2193532.59  | 0.2947 | A    | 2.0 |
| 7 | <input type="checkbox"/> | 100000.00 | 103754.81  | 4861101.35  | 0.5949 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 499449.21  | 22401643.70 | 2.8631 | A    | 1.0 |

$$y = 5.7321\text{E-}006 * x + 1.6252\text{E-}004$$

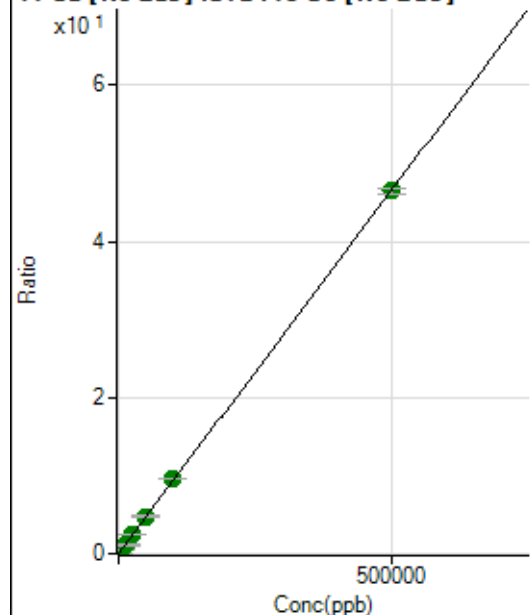
$$R = 0.9999$$

$$DL = 6.527$$

$$BEC = 28.35$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjct                     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 26516.06     | 0.0035  | P    | 1.1 |
| 2 | <input type="checkbox"/> | 500.000   | 412.692    | 316056.47    | 0.0419  | P    | 0.9 |
| 3 | <input type="checkbox"/> | 5000.000  | 5091.749   | 3641932.34   | 0.4774  | A    | 0.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 11884.419  | 8518892.17   | 1.1096  | A    | 7.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 25208.181  | 17412689.60  | 2.3496  | A    | 0.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 51237.919  | 35516107.81  | 4.7721  | A    | 2.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 102849.90  | 78243800.50  | 9.5756  | A    | 1.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 499310.37  | 363593274.58 | 46.4735 | A    | 1.4 |

$$y = 9.3068\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

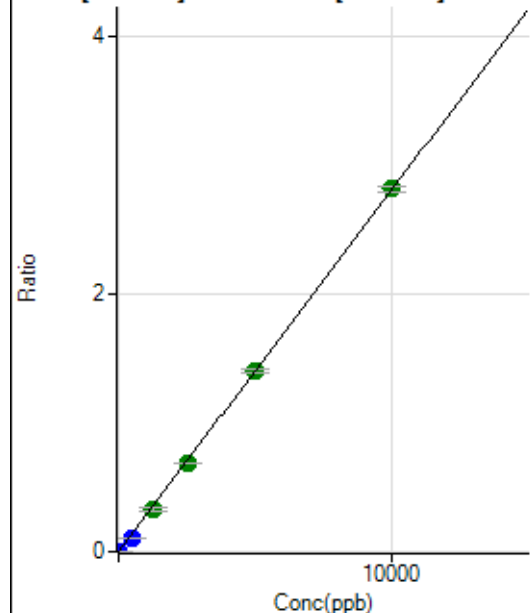
$$DL = 1.215$$

$$BEC = 37.8$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 413.35      | 0.0001 | P        | 16. |
| 2 | <input type="checkbox"/> | 5.000     | 3.797      | 8431.31     | 0.0011 | P        | 2.9 |
| 3 | <input type="checkbox"/> | 500.000   | 374.742    | 801683.53   | 0.1051 | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1153.479   | 2482148.59  | 0.3234 | A        | 8.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2449.720   | 5088663.78  | 0.6867 | A        | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 4991.898   | 10413328.73 | 1.3992 | A        | 2.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 10034.950  | 22981529.10 | 2.8127 | A        | 1.6 |
| 8 | <input type="checkbox"/> |           |            | 1562.32     | 0.0002 | P        | 8.5 |

$$y = 2.8028\text{E-}004 * x + 5.4787\text{E-}005$$

R = 0.9999

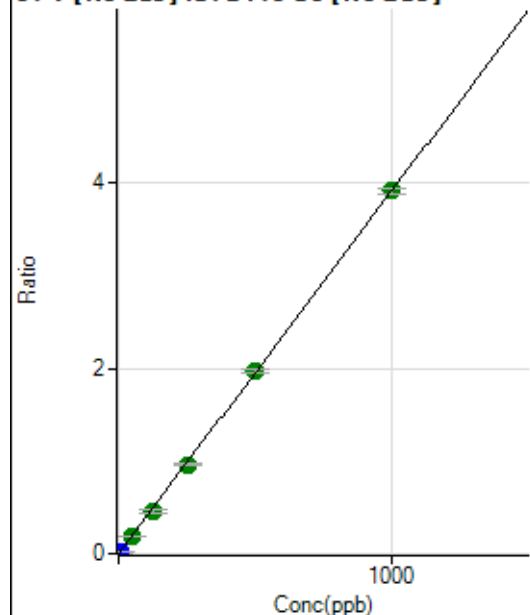
DL = 0.09569

BEC = 0.1955

Weight: &lt;None&gt;

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 373.72      | 0.0000 | P        | 16. |
| 2 | <input type="checkbox"/> | 5.000    | 3.901      | 115485.00   | 0.0153 | P        | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 49.624     | 1482144.37  | 0.1943 | A        | 1.2 |
| 4 | <input type="checkbox"/> | 125.000  | 115.685    | 3476586.52  | 0.4528 | A        | 7.5 |
| 5 | <input type="checkbox"/> | 250.000  | 245.895    | 7132732.17  | 0.9624 | A        | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 502.166    | 14628136.79 | 1.9654 | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.132   | 32014765.30 | 3.9183 | A        | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 4285.03     | 0.0005 | P        | 3.0 |

$$y = 0.0039 * x + 4.9493\text{E-}005$$

R = 1.0000

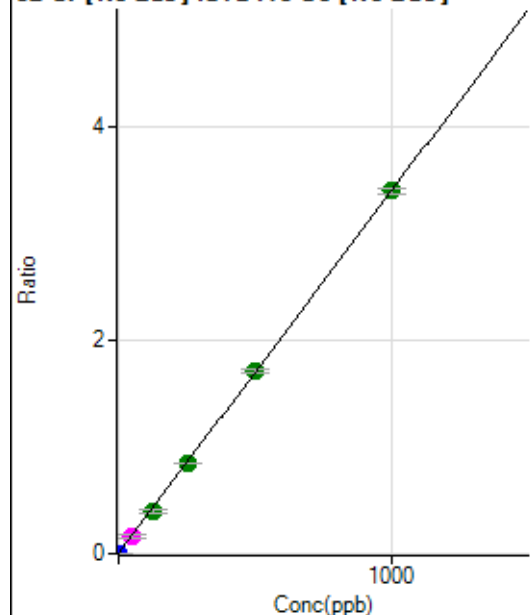
DL = 0.006258

BEC = 0.01265

Weight: &lt;None&gt;

Min Conc: 0

52 Cr [No Gas] ISTD :45 Sc [No Gas]



|   | Rjct                     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19312.49    | 0.0026 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 2.000    | 1.626      | 60979.16    | 0.0081 | P    | 1.9 |
| 3 | <input type="checkbox"/> | 50.000   | 46.878     | 1237724.04  | 0.1619 | M    | 15. |
| 4 | <input type="checkbox"/> | 125.000  | 117.296    | 3080413.15  | 0.4012 | A    | 8.0 |
| 5 | <input type="checkbox"/> | 250.000  | 247.772    | 6259517.89  | 0.8447 | A    | 1.5 |
| 6 | <input type="checkbox"/> | 500.000  | 503.538    | 12757049.39 | 1.7141 | A    | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.908    | 27790482.36 | 3.4012 | A    | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 69967.99    | 0.0089 | P    | 3.0 |

$$y = 0.0034 * x + 0.0026$$

$$R = 1.0000$$

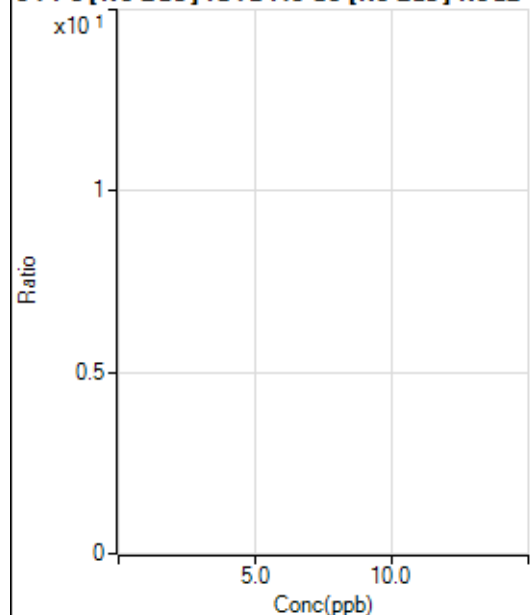
$$DL = 0.02601$$

$$BEC = 0.7539$$

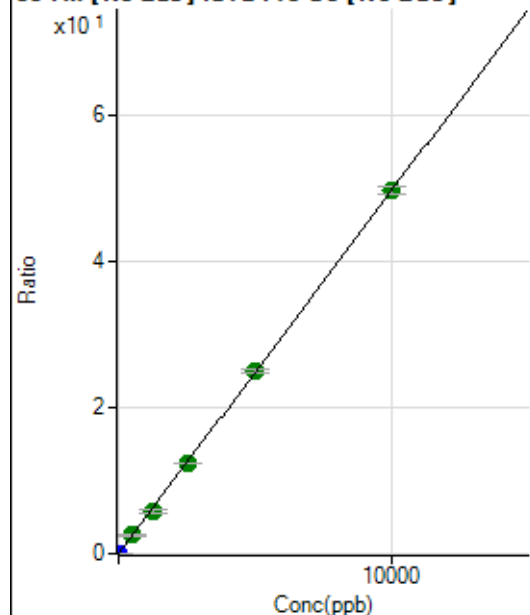
Weight: &lt;None&gt;

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a\_



|   | Rjct                     | Conc.     | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|--------------------------|-----------|------------|-----|-------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     |            |     |       |      |     |
| 2 | <input type="checkbox"/> | 50.000    |            |     |       |      |     |
| 3 | <input type="checkbox"/> | 2500.000  |            |     |       |      |     |
| 4 | <input type="checkbox"/> | 6250.000  |            |     |       |      |     |
| 5 | <input type="checkbox"/> | 12500.000 |            |     |       |      |     |
| 6 | <input type="checkbox"/> | 25000.000 |            |     |       |      |     |
| 7 | <input type="checkbox"/> | 50000.000 |            |     |       |      |     |
| 8 | <input type="checkbox"/> | 250000.00 |            |     |       |      |     |

**55 Mn [No Gas] ISTD:45 Sc [No Gas]**

|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS          | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|--------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14862.56     | 0.0020  | P   | 3.0 |
| 2 | <input type="checkbox"/> | 1.000     | 0.801      | 44892.72     | 0.0060  | P   | 2.0 |
| 3 | <input type="checkbox"/> | 500.000   | 504.182    | 19133568.52  | 2.5082  | A   | 0.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1166.811   | 44546615.05  | 5.8020  | A   | 7.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2497.134   | 91995463.89  | 12.4149 | A   | 1.6 |
| 6 | <input type="checkbox"/> | 5000.000  | 5027.929   | 186035956.07 | 24.9951 | A   | 1.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9996.942   | 406021066.76 | 49.6954 | A   | 2.0 |
| 8 | <input type="checkbox"/> |           |            | 128077.20    | 0.0164  | P   | 1.3 |

$$y = 0.0050 * x + 0.0020$$

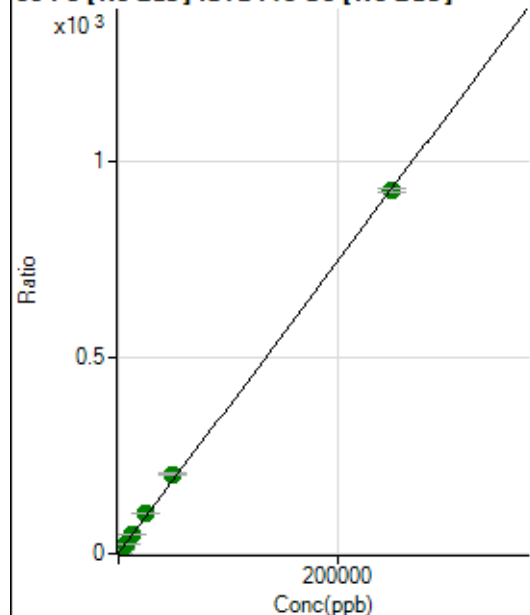
$$R = 1.0000$$

$$DL = 0.03544$$

$$BEC = 0.3967$$

Weight: &lt;None&gt;

Min Conc: 0

**56 Fe [No Gas] ISTD:45 Sc [No Gas]**

|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS          | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|--------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6671906.57   | 0.8855  | A   | 2.6 |
| 2 | <input type="checkbox"/> | 50.000    | 55.011     | 8213799.76   | 1.0901  | A   | 3.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2687.009   | 82998524.77  | 10.8792 | A   | 0.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6223.975   | 184532933.10 | 24.0340 | A   | 7.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 13295.621  | 372982933.13 | 50.3352 | A   | 1.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 27271.910  | 761524737.91 | 102.316 | A   | 1.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 54243.508  | 1655612687.7 | 202.630 | A   | 1.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 248883.10  | 7249614212.1 | 926.541 | A   | 1.2 |

$$y = 0.0037 * x + 0.8855$$

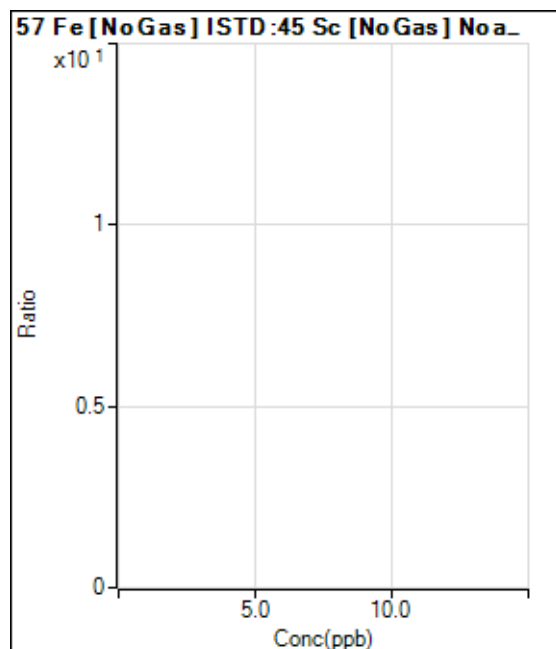
$$R = 0.9998$$

$$DL = 18.87$$

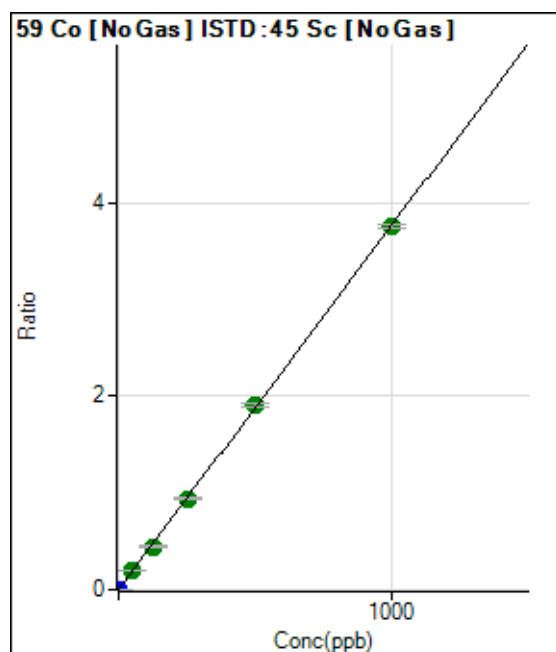
$$BEC = 238.1$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rjct                     | Conc.     | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-----------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     |            |     |       |     |     |
| 2 | <input type="checkbox"/> | 50.000    |            |     |       |     |     |
| 3 | <input type="checkbox"/> | 2500.000  |            |     |       |     |     |
| 4 | <input type="checkbox"/> | 6250.000  |            |     |       |     |     |
| 5 | <input type="checkbox"/> | 12500.000 |            |     |       |     |     |
| 6 | <input type="checkbox"/> | 25000.000 |            |     |       |     |     |
| 7 | <input type="checkbox"/> | 50000.000 |            |     |       |     |     |
| 8 | <input type="checkbox"/> | 250000.00 |            |     |       |     |     |



|   | Rjct                     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 697.41      | 0.0001 | P   | 3.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.846      | 24665.55    | 0.0033 | P   | 0.6 |
| 3 | <input type="checkbox"/> | 50.000   | 51.267     | 1471166.43  | 0.1928 | A   | 0.3 |
| 4 | <input type="checkbox"/> | 125.000  | 118.771    | 3428745.05  | 0.4466 | A   | 7.1 |
| 5 | <input type="checkbox"/> | 250.000  | 250.470    | 6978677.91  | 0.9418 | A   | 1.5 |
| 6 | <input type="checkbox"/> | 500.000  | 508.504    | 14229953.41 | 1.9119 | A   | 1.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 996.346    | 30610069.82 | 3.7460 | A   | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 50740.57    | 0.0065 | P   | 3.3 |

$y = 0.0038 * x + 9.2469E-005$

$R = 0.9999$

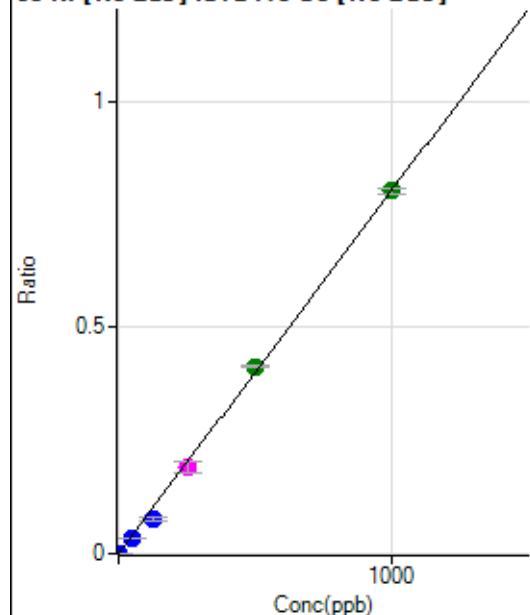
$DL = 0.002569$

$BEC = 0.02459$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD :45 Sc [No Gas]



|   | Rjct                     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 841.15     | 0.0001 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.807      | 5718.92    | 0.0008 | P    | 1.3 |
| 3 | <input type="checkbox"/> | 50.000   | 40.986     | 251572.73  | 0.0330 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 94.553     | 582843.58  | 0.0759 | P    | 8.1 |
| 5 | <input type="checkbox"/> | 250.000  | 235.985    | 1405761.33 | 0.1893 | M    | 13. |
| 6 | <input type="checkbox"/> | 500.000  | 516.098    | 3081640.92 | 0.4139 | A    | 1.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.712    | 6550626.36 | 0.8017 | A    | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 21563.41   | 0.0028 | P    | 1.2 |

$$y = 8.0182\text{E-}004 * x + 1.1157\text{E-}004$$

$$R = 0.9993$$

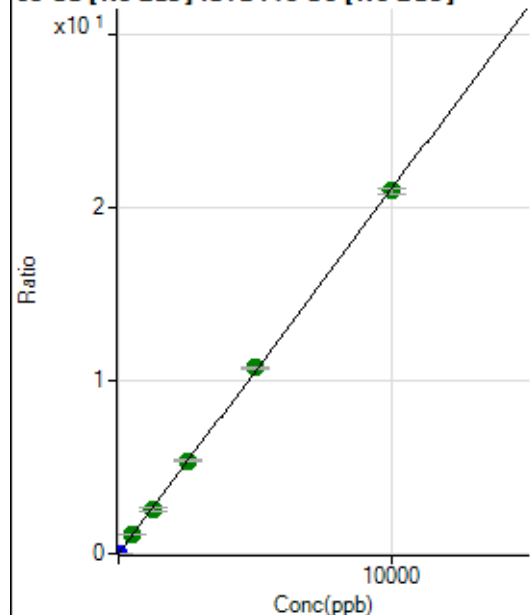
$$DL = 0.009647$$

$$BEC = 0.1391$$

Weight: &lt;None&gt;

Min Conc: 0

63 Cu [No Gas] ISTD :45 Sc [No Gas]



|   | Rjct                     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5242.08      | 0.0007  | P    | 1.4 |
| 2 | <input type="checkbox"/> | 2.000     | 1.547      | 29855.44     | 0.0040  | P    | 1.1 |
| 3 | <input type="checkbox"/> | 500.000   | 520.772    | 8388122.51   | 1.0997  | A    | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1208.960   | 19589094.29  | 2.5519  | A    | 7.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2544.998   | 39803118.02  | 5.3713  | A    | 1.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 5090.046   | 79957242.14  | 10.7420 | A    | 1.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9947.819   | 171532751.89 | 20.9931 | A    | 1.6 |
| 8 | <input type="checkbox"/> |           |            | 191786.02    | 0.0245  | P    | 1.1 |

$$y = 0.0021 * x + 6.9530\text{E-}004$$

$$R = 0.9999$$

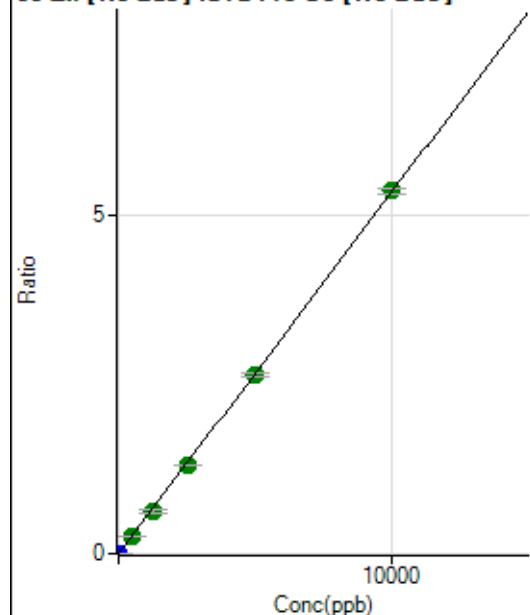
$$DL = 0.01379$$

$$BEC = 0.3295$$

Weight: &lt;None&gt;

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>jt</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5620.01     | 0.0007 | P    | 2.0 |
| 2 | <input type="checkbox"/> | 2.000     | 3.542      | 19859.99    | 0.0026 | P    | 1.8 |
| 3 | <input type="checkbox"/> | 500.000   | 490.276    | 2000514.66  | 0.2623 | A    | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1150.017   | 4714125.24  | 0.6142 | A    | 8.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2434.587   | 9628602.64  | 1.2994 | A    | 1.0 |
| 6 | <input type="checkbox"/> | 5000.000  | 4967.325   | 19724643.59 | 2.6503 | A    | 2.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 10045.674  | 43789689.07 | 5.3591 | A    | 1.3 |
| 8 | <input type="checkbox"/> |           |            | 31797.24    | 0.0041 | P    | 3.1 |

$$y = 5.3340\text{E-}004 * x + 7.4583\text{E-}004$$

$$R = 0.9999$$

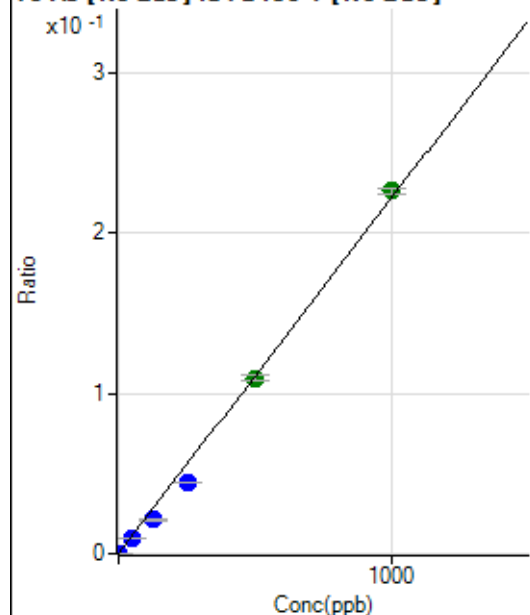
$$DL = 0.08188$$

$$BEC = 1.398$$

Weight: &lt;None&gt;

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>jt</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2159.28    | 0.0001 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.704      | 10103.02   | 0.0005 | P    | 1.2 |
| 3 | <input type="checkbox"/> | 50.000   | 40.548     | 195451.40  | 0.0091 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 125.000  | 94.301     | 456893.38  | 0.0210 | P    | 8.1 |
| 5 | <input type="checkbox"/> | 250.000  | 199.872    | 938120.98  | 0.0444 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 493.247    | 2346322.20 | 0.1095 | A    | 2.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1020.218   | 5257029.10 | 0.2263 | A    | 1.6 |
| 8 | <input type="checkbox"/> |          |            | 4434.74    | 0.0002 | P    | 5.0 |

$$y = 2.2173\text{E-}004 * x + 1.0249\text{E-}004$$

$$R = 0.9984$$

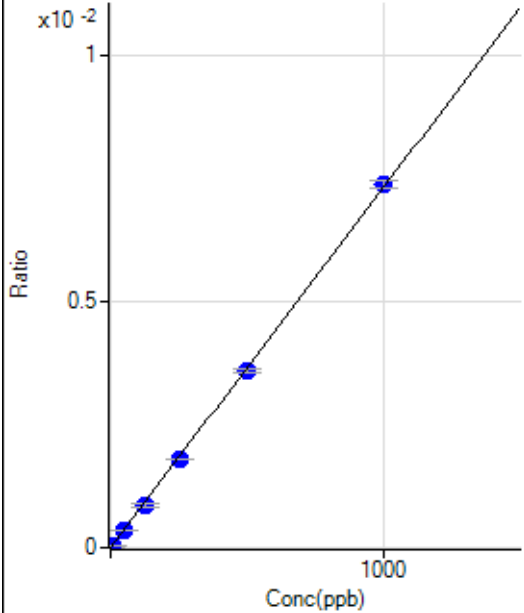
$$DL = 0.04057$$

$$BEC = 0.4622$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [No Gas] ISTD:89 Y [No Gas]



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 124.45    | 0.0000 | P   | 18. |
| 2 | <input type="checkbox"/> | 5.000    | 4.834      | 866.70    | 0.0000 | P   | 3.8 |
| 3 | <input type="checkbox"/> | 50.000   | 48.594     | 7749.88   | 0.0004 | P   | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 114.710    | 18329.30  | 0.0008 | P   | 8.2 |
| 5 | <input type="checkbox"/> | 250.000  | 244.280    | 37768.07  | 0.0018 | P   | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 491.140    | 76944.98  | 0.0036 | P   | 2.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.217   | 170840.11 | 0.0074 | P   | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 148.89    | 0.0000 | P   | 25. |

y = 7.2972E-006 \* x + 5.9206E-006

R = 0.9999

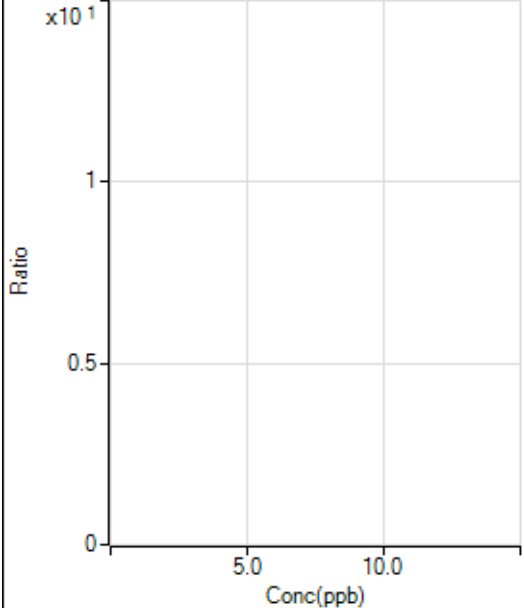
DL = 0.4418

BEC = 0.8114

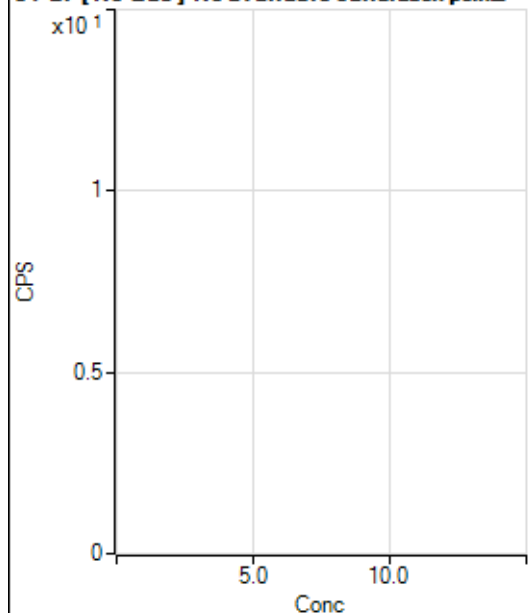
Weight: <None>

Min Conc: 0

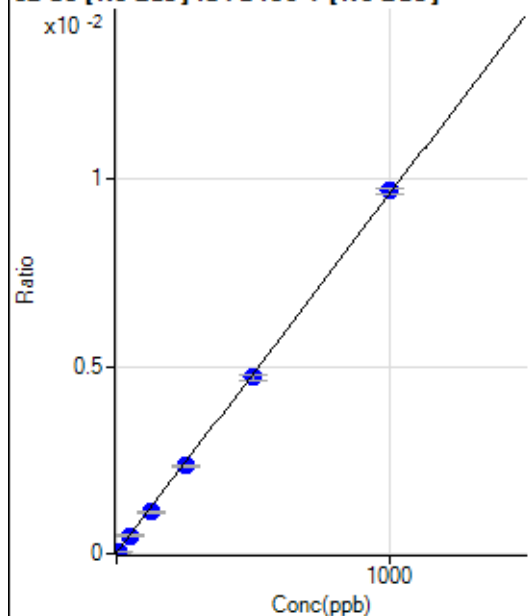
78 Se [No Gas] ISTD:89 Y [No Gas] No av \_



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|----------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    |            |     |       |     |     |
| 2 | <input type="checkbox"/> | 5.000    |            |     |       |     |     |
| 3 | <input type="checkbox"/> | 50.000   |            |     |       |     |     |
| 4 | <input type="checkbox"/> | 125.000  |            |     |       |     |     |
| 5 | <input type="checkbox"/> | 250.000  |            |     |       |     |     |
| 6 | <input type="checkbox"/> | 500.000  |            |     |       |     |     |
| 7 | <input type="checkbox"/> | 1000.000 |            |     |       |     |     |
| 8 | <input type="checkbox"/> |          |            |     |       |     |     |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS      | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 15530.51 |       | P    | 2.1 |
| 2 | <input type="checkbox"/> |       |            | 15748.49 |       | P    | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 15430.38 |       | P    | 2.3 |
| 4 | <input type="checkbox"/> |       |            | 15037.76 |       | P    | 3.7 |
| 5 | <input type="checkbox"/> |       |            | 14620.68 |       | P    | 3.0 |
| 6 | <input type="checkbox"/> |       |            | 14199.18 |       | P    | 2.6 |
| 7 | <input type="checkbox"/> |       |            | 14422.78 |       | P    | 1.3 |
| 8 | <input type="checkbox"/> |       |            | 15946.51 |       | P    | 2.3 |

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

|   | Rjct                     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 414.71    | 0.0000 | P    | 5.9 |
| 2 | <input type="checkbox"/> | 5.000    | 4.886      | 1398.24   | 0.0001 | P    | 3.5 |
| 3 | <input type="checkbox"/> | 50.000   | 48.738     | 10455.61  | 0.0005 | P    | 1.7 |
| 4 | <input type="checkbox"/> | 125.000  | 113.499    | 24067.68  | 0.0011 | P    | 7.2 |
| 5 | <input type="checkbox"/> | 250.000  | 241.851    | 49342.83  | 0.0023 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 489.424    | 100897.42 | 0.0047 | P    | 2.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.826   | 224904.09 | 0.0097 | P    | 1.7 |
| 8 | <input type="checkbox"/> |          |            | 637.85    | 0.0000 | P    | 5.8 |

$$y = 9.5786E-006 * x + 1.9662E-005$$

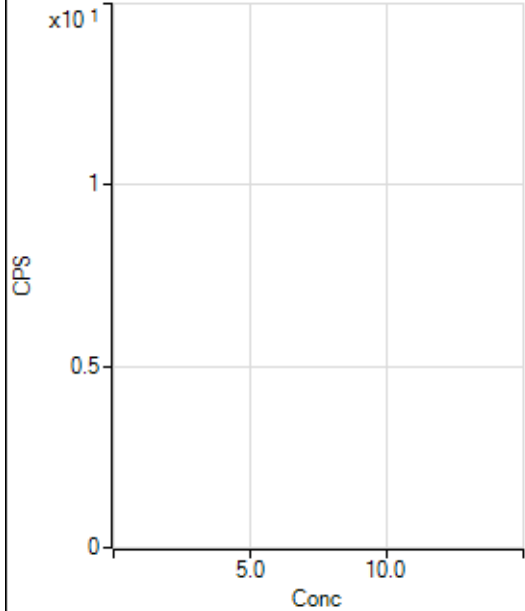
$$R = 0.9998$$

$$DL = 0.3607$$

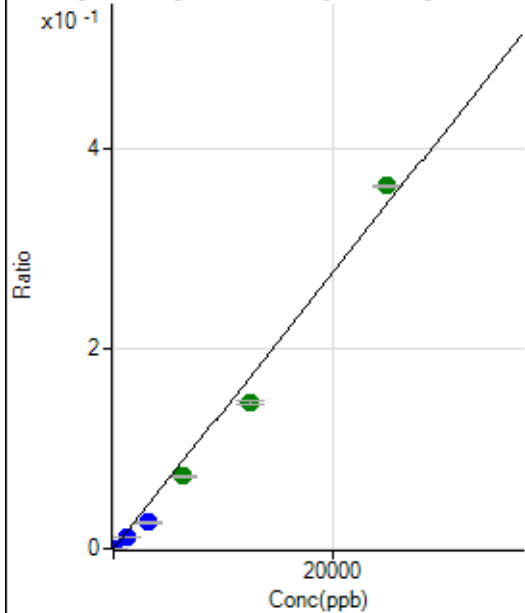
$$BEC = 2.053$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjct                     | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|--------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 232.22 |       | P    | 4.6 |
| 2 | <input type="checkbox"/> |       |            | 272.23 |       | P    | 12. |
| 3 | <input type="checkbox"/> |       |            | 254.45 |       | P    | 15. |
| 4 | <input type="checkbox"/> |       |            | 433.34 |       | P    | 26. |
| 5 | <input type="checkbox"/> |       |            | 278.90 |       | P    | 13. |
| 6 | <input type="checkbox"/> |       |            | 256.67 |       | P    | 13. |
| 7 | <input type="checkbox"/> |       |            | 307.78 |       | P    | 10. |
| 8 | <input type="checkbox"/> |       |            | 325.56 |       | P    | 7.7 |

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

|   | Rjct                     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 581.13     | 0.0000 | P    | 6.1 |
| 2 | <input type="checkbox"/> | 1.000     | 15.730     | 5136.50    | 0.0002 | P    | 1.5 |
| 3 | <input type="checkbox"/> | 1250.000  | 821.940    | 244055.80  | 0.0114 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 3125.000  | 1902.240   | 570639.55  | 0.0262 | P    | 7.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 5248.810   | 1528001.00 | 0.0724 | A    | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 10603.551  | 3132714.43 | 0.1461 | A    | 2.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 26372.770  | 8443539.53 | 0.3634 | A    | 0.7 |
| 8 | <input type="checkbox"/> |           |            | 13339.47   | 0.0006 | P    | 0.6 |

$$y = 1.3780E-005 * x + 2.7579E-005$$

$$R = 0.9947$$

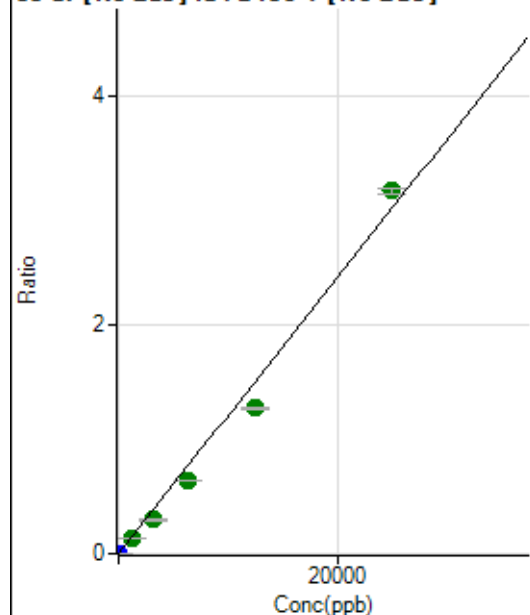
$$DL = 0.3659$$

$$BEC = 2.001$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1016.71     | 0.0000 | P        | 3.6 |
| 2 | <input type="checkbox"/> | 1.000     | 16.212     | 42074.59    | 0.0020 | P        | 1.0 |
| 3 | <input type="checkbox"/> | 1250.000  | 1062.377   | 2751748.57  | 0.1280 | A        | 0.8 |
| 4 | <input type="checkbox"/> | 3125.000  | 2457.855   | 6438843.24  | 0.2961 | A        | 7.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 5260.432   | 13381244.11 | 0.6337 | A        | 1.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 10549.440  | 27241649.04 | 1.2707 | A        | 1.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 26315.446  | 73627276.68 | 3.1697 | A        | 1.3 |
| 8 | <input type="checkbox"/> |           |            | 111251.59   | 0.0051 | P        | 1.1 |

$$y = 1.2045E-004 * x + 4.8222E-005$$

$$R = 0.9949$$

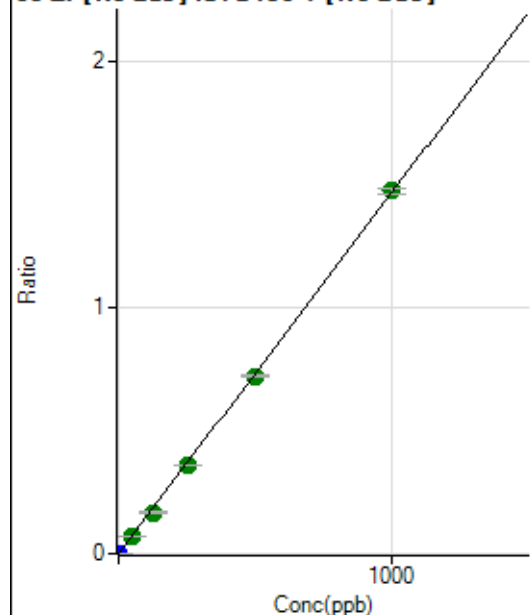
$$DL = 0.04283$$

$$BEC = 0.4004$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1288.96     | 0.0001 | P        | 11. |
| 2 | <input type="checkbox"/> | 1.000    | 0.769      | 24984.70    | 0.0012 | P        | 1.0 |
| 3 | <input type="checkbox"/> | 50.000   | 49.034     | 1546061.68  | 0.0719 | A        | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 114.588    | 3653875.75  | 0.1680 | A        | 6.1 |
| 5 | <input type="checkbox"/> | 250.000  | 244.402    | 7565053.64  | 0.3582 | A        | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 492.751    | 15482827.96 | 0.7221 | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.374   | 34257575.60 | 1.4748 | A        | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 24281.79    | 0.0011 | P        | 22. |

$$y = 0.0015 * x + 6.1116E-005$$

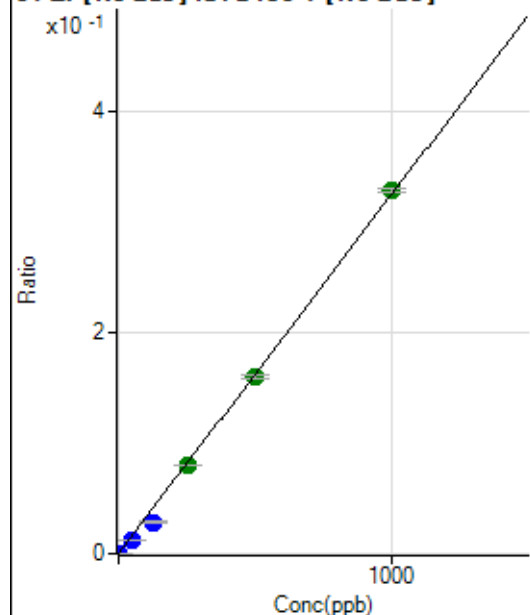
$$R = 0.9999$$

$$DL = 0.01427$$

$$BEC = 0.04171$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 276.67     | 0.0000 | P        | 8.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.777      | 5588.90    | 0.0003 | P        | 3.6 |
| 3 | <input type="checkbox"/> | 50.000   | 38.012     | 266006.12  | 0.0124 | P        | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 88.286     | 624691.35  | 0.0287 | P        | 7.7 |
| 5 | <input type="checkbox"/> | 250.000  | 245.812    | 1688457.23 | 0.0800 | A        | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 491.725    | 3428013.91 | 0.1599 | A        | 2.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.374   | 7632819.54 | 0.3286 | A        | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 5378.83    | 0.0002 | P        | 22. |

$$y = 3.2520\text{E-}004 * x + 1.3144\text{E-}005$$

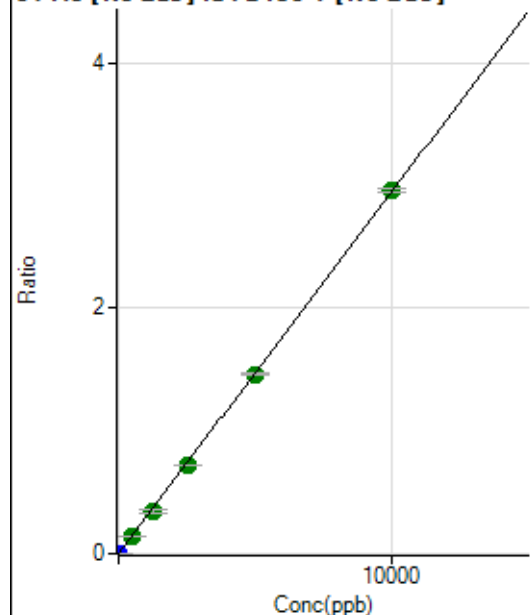
$$R = 0.9994$$

$$DL = 0.0106$$

$$BEC = 0.04042$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 960.04      | 0.0000 | P        | 2.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.528      | 29029.94    | 0.0014 | P        | 1.1 |
| 3 | <input type="checkbox"/> | 500.000   | 494.885    | 3137200.68  | 0.1460 | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1155.719   | 7410143.57  | 0.3408 | A        | 8.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2465.589   | 15354109.49 | 0.7270 | A        | 0.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4971.863   | 31425837.87 | 1.4659 | A        | 1.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 10034.712  | 68729344.53 | 2.9587 | A        | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 13963.44    | 0.0006 | P        | 12. |

$$y = 2.9484\text{E-}004 * x + 4.5539\text{E-}005$$

$$R = 0.9999$$

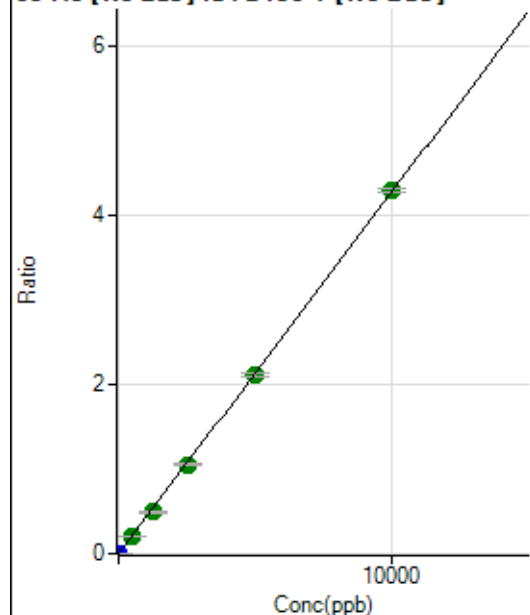
$$DL = 0.01249$$

$$BEC = 0.1545$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 844.48      | 0.0000 | P        | 8.6 |
| 2 | <input type="checkbox"/> | 5.000     | 3.806      | 35045.30    | 0.0017 | P        | 0.8 |
| 3 | <input type="checkbox"/> | 500.000   | 493.511    | 4535211.36  | 0.2110 | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1149.135   | 10683040.19 | 0.4913 | A        | 8.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2468.439   | 22285843.00 | 1.0553 | A        | 0.6 |
| 6 | <input type="checkbox"/> | 5000.000  | 4962.034   | 45471492.10 | 2.1212 | A        | 2.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 10039.806  | 99698424.07 | 4.2919 | A        | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 7624.29     | 0.0004 | P        | 2.1 |

$$y = 4.2748\text{E-}004 * x + 4.0050\text{E-}005$$

$$R = 0.9999$$

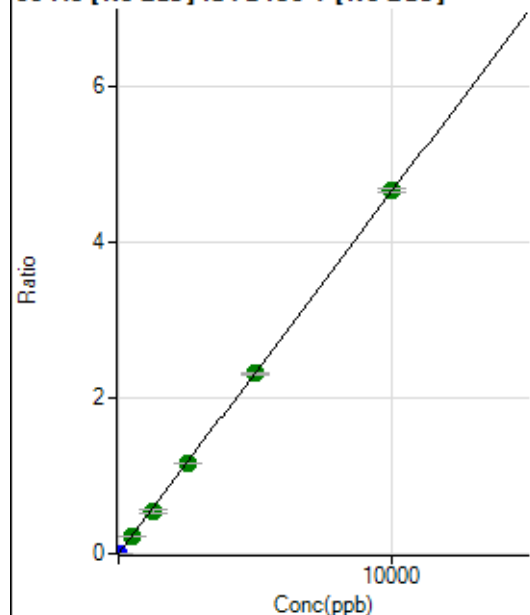
$$DL = 0.02419$$

$$BEC = 0.09369$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS          | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|--------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1045.60      | 0.0000 | P        | 6.6 |
| 2 | <input type="checkbox"/> | 5.000     | 3.947      | 39567.90     | 0.0019 | P        | 0.8 |
| 3 | <input type="checkbox"/> | 500.000   | 492.998    | 4920126.04   | 0.2289 | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1250.000  | 1154.928   | 11659872.46  | 0.5362 | A        | 8.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2482.347   | 24337042.42  | 1.1523 | A        | 0.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4974.425   | 49503739.26  | 2.3091 | A        | 1.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 10029.435  | 108147887.28 | 4.6556 | A        | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 24113.37     | 0.0011 | P        | 1.8 |

$$y = 4.6419\text{E-}004 * x + 4.9560\text{E-}005$$

$$R = 1.0000$$

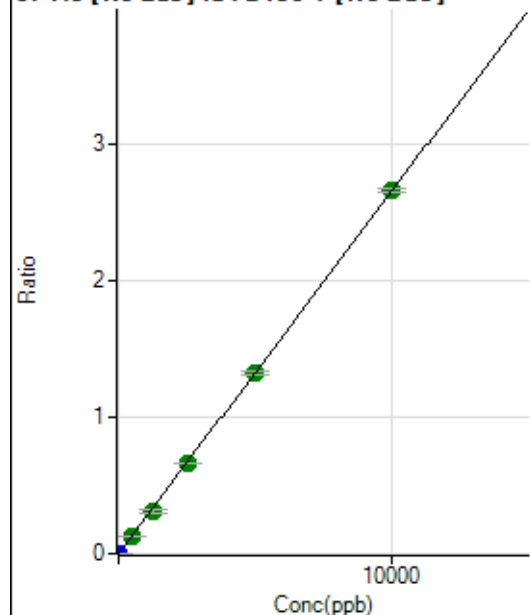
$$DL = 0.02108$$

$$BEC = 0.1068$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 524.46      | 0.0000 | P        | 6.0 |
| 2 | <input type="checkbox"/> | 5.000     | 3.837      | 21926.54    | 0.0010 | P        | 1.8 |
| 3 | <input type="checkbox"/> | 500.000   | 499.425    | 2848969.96  | 0.1325 | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1250.000  | 1152.768   | 6651767.05  | 0.3059 | A        | 8.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2493.936   | 13975775.07 | 0.6617 | A        | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 4989.991   | 28385670.69 | 1.3240 | A        | 1.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 10018.704  | 61748542.97 | 2.6583 | A        | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 4880.87     | 0.0002 | P        | 4.4 |

$$y = 2.6533\text{E-}004 * x + 2.4900\text{E-}005$$

$$R = 1.0000$$

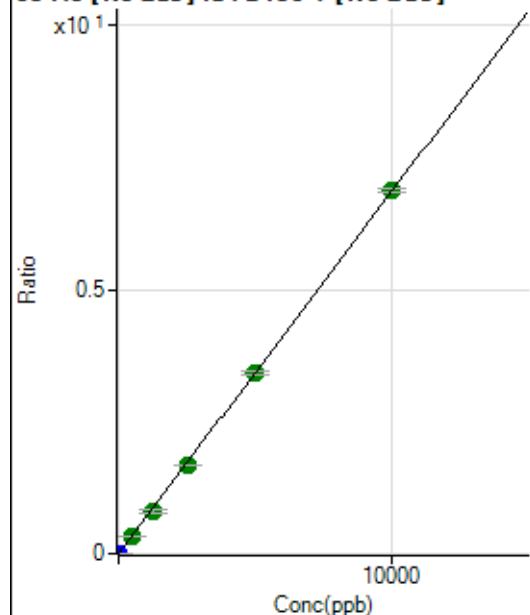
$$DL = 0.01693$$

$$BEC = 0.09385$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.     | Calc Conc. | CPS          | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|--------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1392.31      | 0.0001 | P        | 3.5 |
| 2 | <input type="checkbox"/> | 5.000     | 3.849      | 56799.89     | 0.0027 | P        | 1.1 |
| 3 | <input type="checkbox"/> | 500.000   | 493.647    | 7265460.31   | 0.3380 | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1155.069   | 17197101.41  | 0.7908 | A        | 8.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2466.815   | 35668582.80  | 1.6889 | A        | 0.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 4980.846   | 73093855.58  | 3.4100 | A        | 2.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 10030.058  | 159511317.63 | 6.8668 | A        | 1.2 |
| 8 | <input type="checkbox"/> |           |            | 11704.78     | 0.0005 | P        | 2.8 |

$$y = 6.8462\text{E-}004 * x + 6.6033\text{E-}005$$

$$R = 1.0000$$

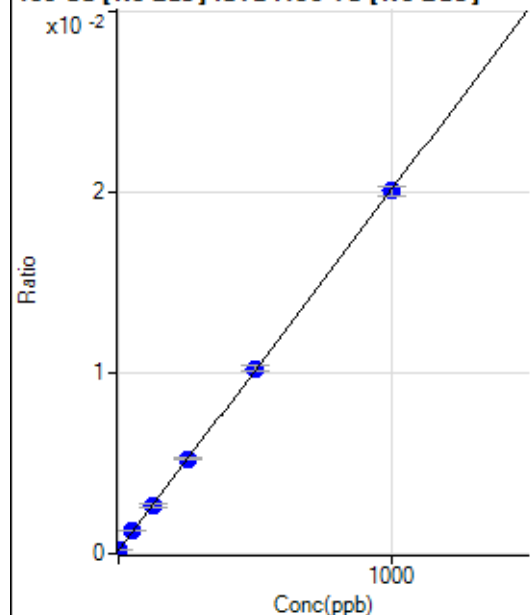
$$DL = 0.01012$$

$$BEC = 0.09645$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2992.56   | 0.0002 | P        | 3.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.089      | 3378.21   | 0.0002 | P        | 3.5 |
| 3 | <input type="checkbox"/> | 50.000   | 54.387     | 22460.82  | 0.0013 | P        | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 123.401    | 48286.40  | 0.0026 | P        | 8.0 |
| 5 | <input type="checkbox"/> | 250.000  | 253.592    | 96498.89  | 0.0052 | P        | 2.1 |
| 6 | <input type="checkbox"/> | 500.000  | 504.863    | 191631.29 | 0.0103 | P        | 2.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 996.651    | 405386.70 | 0.0201 | P        | 2.7 |
| 8 | <input type="checkbox"/> |          |            | 3037.01   | 0.0002 | P        | 2.5 |

$$y = 1.9989\text{E-}005 * x + 1.7059\text{E-}004$$

$$R = 1.0000$$

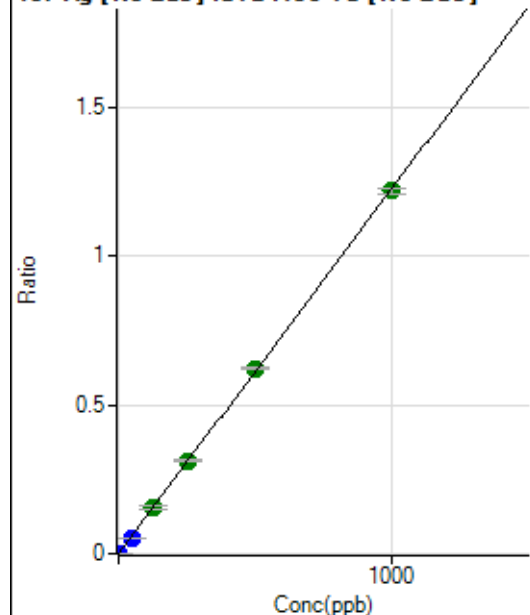
$$DL = 0.8937$$

$$BEC = 8.534$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 122.22      | 0.0000 | P        | 4.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.842      | 18211.53    | 0.0010 | P        | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 42.986     | 939101.42   | 0.0526 | P        | 0.9 |
| 4 | <input type="checkbox"/> | 125.000  | 124.294    | 2782500.46  | 0.1520 | A        | 8.6 |
| 5 | <input type="checkbox"/> | 250.000  | 255.030    | 5746880.12  | 0.3120 | A        | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 507.899    | 11604820.24 | 0.6213 | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 995.232    | 24566445.46 | 1.2174 | A        | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 1734.57     | 0.0001 | P        | 7.7 |

$$y = 0.0012 * x + 6.9639\text{E-}006$$

$$R = 0.9999$$

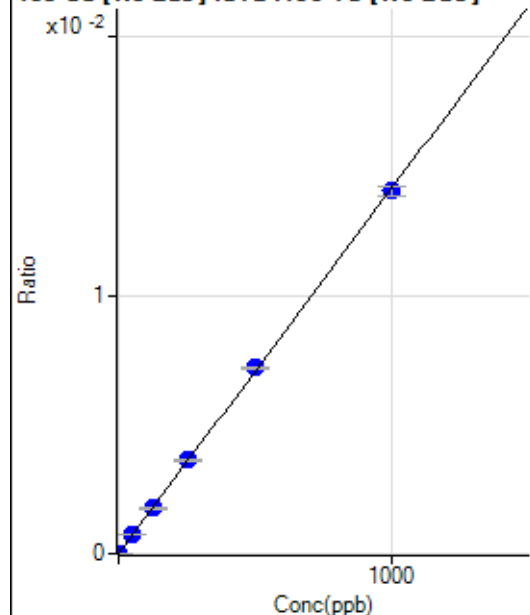
$$DL = 0.0007586$$

$$BEC = 0.005693$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.56     | 0.0000 | P   | 83. |
| 2 | <input type="checkbox"/> | 1.000    | 1.030      | 271.12    | 0.0000 | P   | 12. |
| 3 | <input type="checkbox"/> | 50.000   | 53.185     | 13438.55  | 0.0008 | P   | 1.9 |
| 4 | <input type="checkbox"/> | 125.000  | 124.112    | 32118.12  | 0.0018 | P   | 7.4 |
| 5 | <input type="checkbox"/> | 250.000  | 256.093    | 66661.24  | 0.0036 | P   | 2.5 |
| 6 | <input type="checkbox"/> | 500.000  | 509.349    | 134450.89 | 0.0072 | P   | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.754    | 283334.15 | 0.0140 | P   | 2.6 |
| 8 | <input type="checkbox"/> |          |            | 108.89    | 0.0000 | P   | 20. |

$$y = 1.4131E-005 * x + 8.9923E-007$$

$$R = 0.9999$$

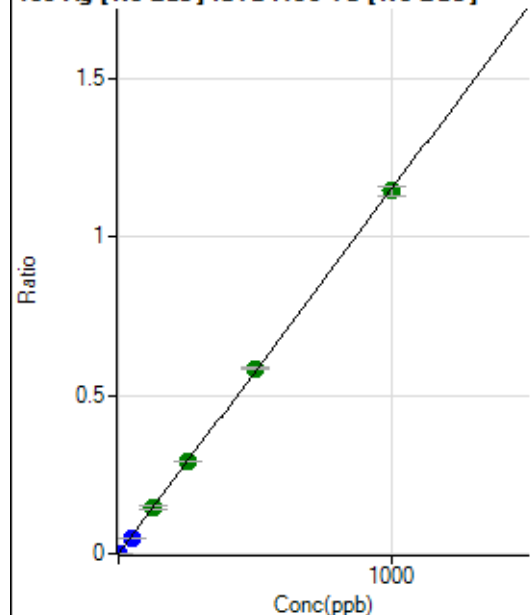
$$DL = 0.1601$$

$$BEC = 0.06364$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 93.33       | 0.0000 | P   | 5.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.840      | 17060.19    | 0.0010 | P   | 1.7 |
| 3 | <input type="checkbox"/> | 50.000   | 43.066     | 884651.68   | 0.0495 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 124.217    | 2615462.06  | 0.1429 | A   | 8.7 |
| 5 | <input type="checkbox"/> | 250.000  | 253.501    | 5371335.06  | 0.2916 | A   | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 508.550    | 10926090.25 | 0.5849 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 995.295    | 23095995.49 | 1.1448 | A   | 3.0 |
| 8 | <input type="checkbox"/> |          |            | 1567.88     | 0.0001 | P   | 8.6 |

$$y = 0.0012 * x + 5.3237E-006$$

$$R = 0.9999$$

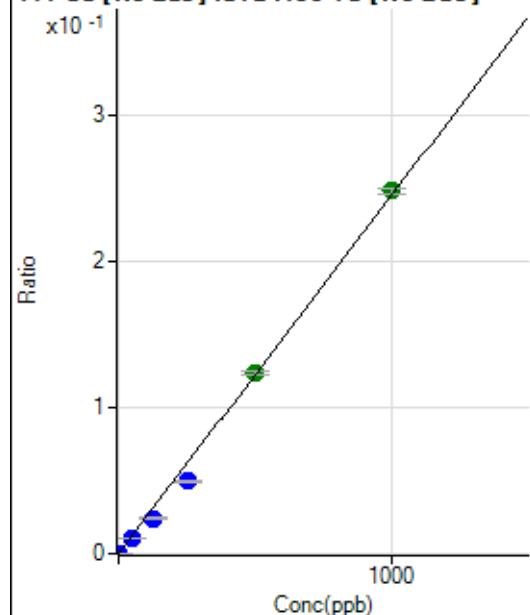
$$DL = 0.0008216$$

$$BEC = 0.004629$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2121.68    | 0.0001 | P        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.923      | 6086.64    | 0.0003 | P        | 3.0 |
| 3 | <input type="checkbox"/> | 50.000   | 42.584     | 188122.27  | 0.0105 | P        | 0.8 |
| 4 | <input type="checkbox"/> | 125.000  | 98.416     | 442795.58  | 0.0242 | P        | 7.7 |
| 5 | <input type="checkbox"/> | 250.000  | 201.747    | 911028.03  | 0.0495 | P        | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 505.562    | 2311459.95 | 0.1238 | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1012.976   | 5001445.22 | 0.2479 | A        | 1.9 |
| 8 | <input type="checkbox"/> |          |            | 2456.37    | 0.0001 | P        | 1.7 |

$$y = 2.4456\text{E-}004 * x + 1.2092\text{E-}004$$

$$R = 0.9986$$

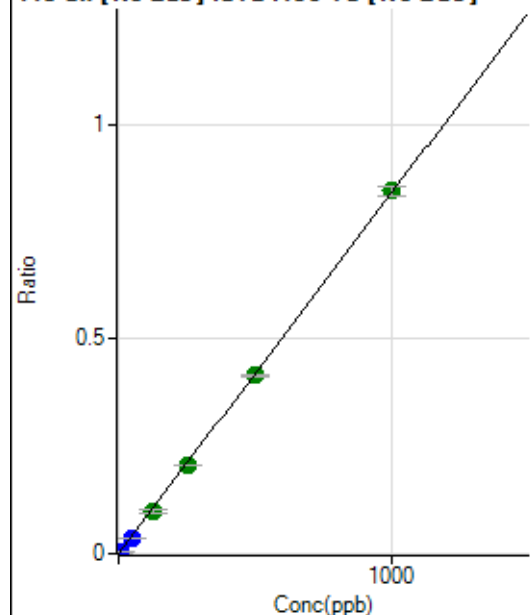
$$DL = 0.03185$$

$$BEC = 0.4945$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5866.24     | 0.0003 | P        | 30. |
| 2 | <input type="checkbox"/> | 5.000    | 4.077      | 65983.60    | 0.0038 | P        | 1.3 |
| 3 | <input type="checkbox"/> | 50.000   | 40.663     | 615886.32   | 0.0345 | P        | 0.9 |
| 4 | <input type="checkbox"/> | 125.000  | 118.487    | 1827928.69  | 0.0999 | A        | 9.3 |
| 5 | <input type="checkbox"/> | 250.000  | 245.218    | 3801123.31  | 0.2063 | A        | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 493.697    | 7751747.24  | 0.4150 | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.633   | 17051619.88 | 0.8450 | A        | 2.7 |
| 8 | <input type="checkbox"/> |          |            | 8042.33     | 0.0004 | P        | 3.8 |

$$y = 8.3994\text{E-}004 * x + 3.3410\text{E-}004$$

$$R = 0.9999$$

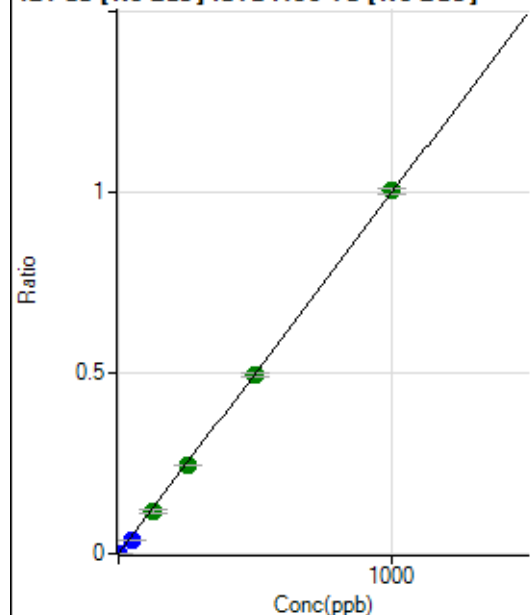
$$DL = 0.3579$$

$$BEC = 0.3978$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 105.56      | 0.0000 | P        | 23. |
| 2 | <input type="checkbox"/> | 2.000    | 1.643      | 28899.12    | 0.0016 | P        | 0.7 |
| 3 | <input type="checkbox"/> | 50.000   | 39.670     | 707309.06   | 0.0396 | P        | 1.0 |
| 4 | <input type="checkbox"/> | 125.000  | 116.088    | 2121598.89  | 0.1159 | A        | 7.7 |
| 5 | <input type="checkbox"/> | 250.000  | 244.160    | 4490007.12  | 0.2437 | A        | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 495.456    | 9238596.46  | 0.4946 | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.363   | 20254946.92 | 1.0036 | A        | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 7546.49     | 0.0004 | P        | 5.0 |

$$y = 9.9826E-004 * x + 6.0416E-006$$

$$R = 0.9999$$

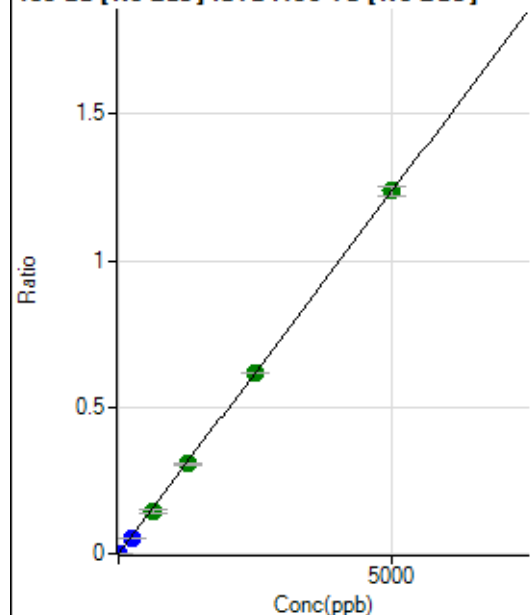
$$DL = 0.004237$$

$$BEC = 0.006052$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 301.12      | 0.0000 | P        | 11. |
| 2 | <input type="checkbox"/> | 10.000   | 8.257      | 36091.39    | 0.0021 | P        | 1.7 |
| 3 | <input type="checkbox"/> | 250.000  | 202.154    | 891547.27   | 0.0499 | P        | 0.5 |
| 4 | <input type="checkbox"/> | 625.000  | 591.814    | 2674597.55  | 0.1461 | A        | 9.4 |
| 5 | <input type="checkbox"/> | 1250.000 | 1238.717   | 5633517.42  | 0.3058 | A        | 1.9 |
| 6 | <input type="checkbox"/> | 2500.000 | 2495.987   | 11512572.33 | 0.6162 | A        | 0.3 |
| 7 | <input type="checkbox"/> | 5000.000 | 5011.371   | 24963344.07 | 1.2373 | A        | 2.6 |
| 8 | <input type="checkbox"/> |          |            | 6942.89     | 0.0004 | P        | 5.9 |

$$y = 2.4689E-004 * x + 1.7138E-005$$

$$R = 1.0000$$

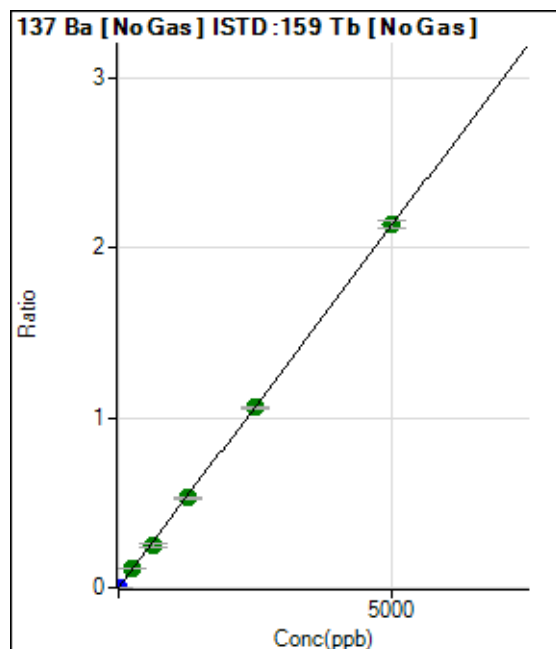
$$DL = 0.02317$$

$$BEC = 0.06941$$

Weight: &lt;None&gt;

Min Conc: 0

Calibration for 096SMPL.d



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 534.46      | 0.0000 | P        | 12. |
| 2 | <input type="checkbox"/> | 10.000   | 8.229      | 62164.13    | 0.0035 | P        | 1.4 |
| 3 | <input type="checkbox"/> | 250.000  | 254.939    | 1942413.74  | 0.1088 | A        | 0.3 |
| 4 | <input type="checkbox"/> | 625.000  | 592.017    | 4623096.56  | 0.2526 | A        | 8.2 |
| 5 | <input type="checkbox"/> | 1250.000 | 1236.131   | 9712093.81  | 0.5273 | A        | 2.0 |
| 6 | <input type="checkbox"/> | 2500.000 | 2495.573   | 19885475.95 | 1.0646 | A        | 1.1 |
| 7 | <input type="checkbox"/> | 5000.000 | 5009.560   | 43119636.86 | 2.1370 | A        | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 11898.42    | 0.0006 | P        | 2.6 |

$y = 4.2658E-004 * x + 3.0441E-005$

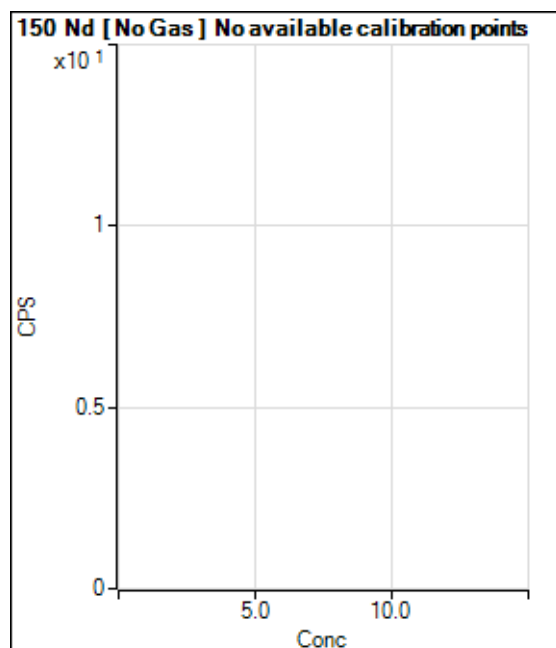
$R = 1.0000$

$DL = 0.02657$

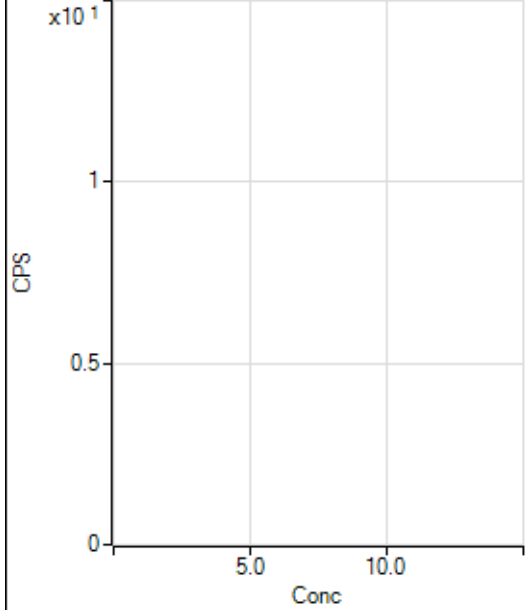
$BEC = 0.07136$

Weight: <None>

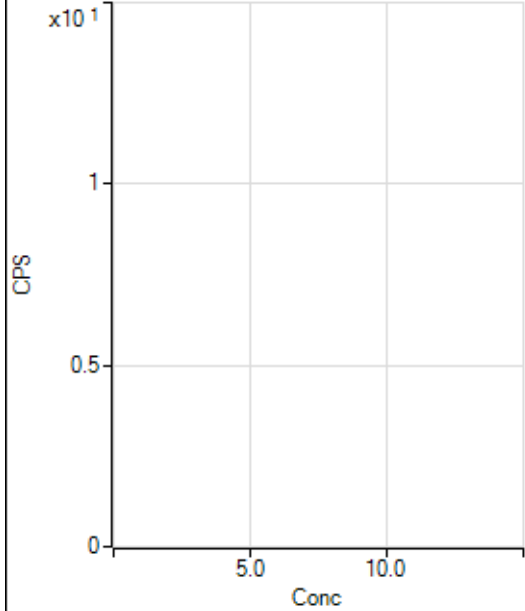
Min Conc: 0



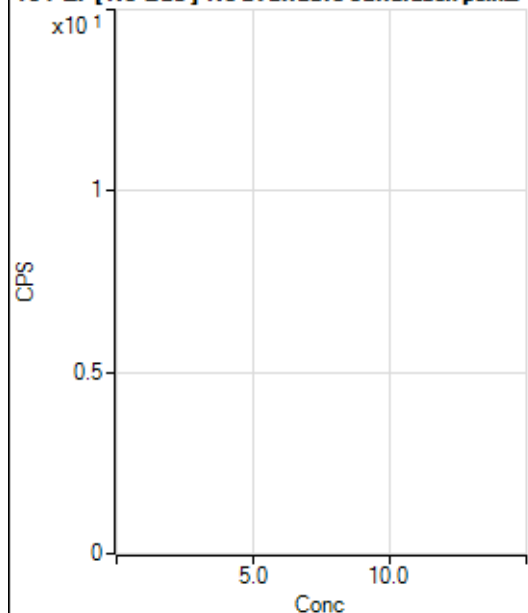
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 14.45   |       | P        | 48. |
| 2 | <input type="checkbox"/> |       |            | 20.00   |       | P        | 72. |
| 3 | <input type="checkbox"/> |       |            | 48.89   |       | P        | 3.9 |
| 4 | <input type="checkbox"/> |       |            | 87.78   |       | P        | 15. |
| 5 | <input type="checkbox"/> |       |            | 228.89  |       | P        | 15. |
| 6 | <input type="checkbox"/> |       |            | 406.68  |       | P        | 11. |
| 7 | <input type="checkbox"/> |       |            | 1042.27 |       | P        | 9.1 |
| 8 | <input type="checkbox"/> |       |            | 334.45  |       | P        | 19. |

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

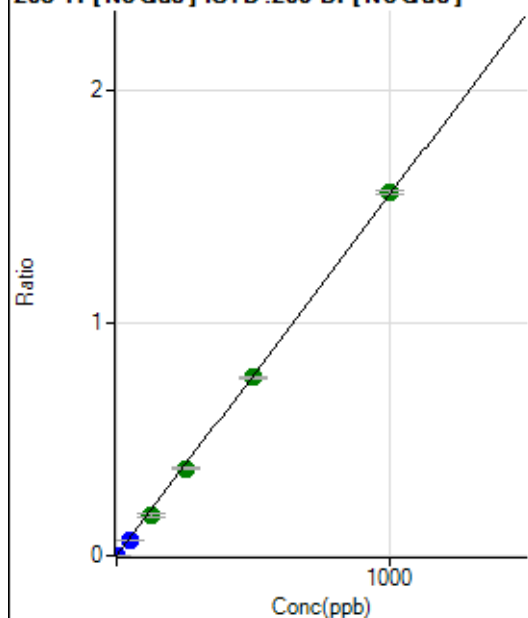
|   | Rjct                     | Conc. | Calc Conc. | CPS    | Ratio | Detection | RSD |
|---|--------------------------|-------|------------|--------|-------|-----------|-----|
| 1 | <input type="checkbox"/> |       |            | 51.11  |       | P         | 3.8 |
| 2 | <input type="checkbox"/> |       |            | 63.33  |       | P         | Na  |
| 3 | <input type="checkbox"/> |       |            | 78.89  |       | P         | 2.4 |
| 4 | <input type="checkbox"/> |       |            | 86.67  |       | P         | 6.7 |
| 5 | <input type="checkbox"/> |       |            | 115.56 |       | P         | 9.3 |
| 6 | <input type="checkbox"/> |       |            | 184.45 |       | P         | 30. |
| 7 | <input type="checkbox"/> |       |            | 434.46 |       | P         | 6.9 |
| 8 | <input type="checkbox"/> |       |            | 523.35 |       | P         | 5.5 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS    | Ratio | Detection | RSD |
|---|--------------------------|-------|------------|--------|-------|-----------|-----|
| 1 | <input type="checkbox"/> |       |            | 40.00  |       | P         | 8.3 |
| 2 | <input type="checkbox"/> |       |            | 74.44  |       | P         | 6.8 |
| 3 | <input type="checkbox"/> |       |            | 67.78  |       | P         | 10. |
| 4 | <input type="checkbox"/> |       |            | 55.55  |       | P         | 12. |
| 5 | <input type="checkbox"/> |       |            | 85.56  |       | P         | 11. |
| 6 | <input type="checkbox"/> |       |            | 111.11 |       | P         | 23. |
| 7 | <input type="checkbox"/> |       |            | 276.68 |       | P         | 13. |
| 8 | <input type="checkbox"/> |       |            | 440.01 |       | P         | 4.6 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|--------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 81.11  |       | P    | 31. |
| 2 | <input type="checkbox"/> |       |            | 62.22  |       | P    | 8.2 |
| 3 | <input type="checkbox"/> |       |            | 78.89  |       | P    | 6.5 |
| 4 | <input type="checkbox"/> |       |            | 95.56  |       | P    | 15. |
| 5 | <input type="checkbox"/> |       |            | 105.56 |       | P    | 7.3 |
| 6 | <input type="checkbox"/> |       |            | 143.34 |       | P    | 6.2 |
| 7 | <input type="checkbox"/> |       |            | 316.68 |       | P    | 16. |
| 8 | <input type="checkbox"/> |       |            | 555.57 |       | P    | 9.0 |

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

|   | Rjct                     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 330.00      | 0.0000 | P    | 4.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.827      | 13031.90    | 0.0013 | P    | 2.4 |
| 3 | <input type="checkbox"/> | 50.000   | 40.814     | 641511.64   | 0.0632 | P    | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 113.839    | 1855697.14  | 0.1763 | A    | 10. |
| 5 | <input type="checkbox"/> | 250.000  | 242.646    | 3953426.96  | 0.3756 | A    | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 494.416    | 8105783.00  | 0.7654 | A    | 1.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.485   | 17618180.57 | 1.5581 | A    | 0.9 |
| 8 | <input type="checkbox"/> |          |            | 1121.17     | 0.0001 | P    | 15. |

$$y = 0.0015 * x + 3.2798E-005$$

$$R = 0.9999$$

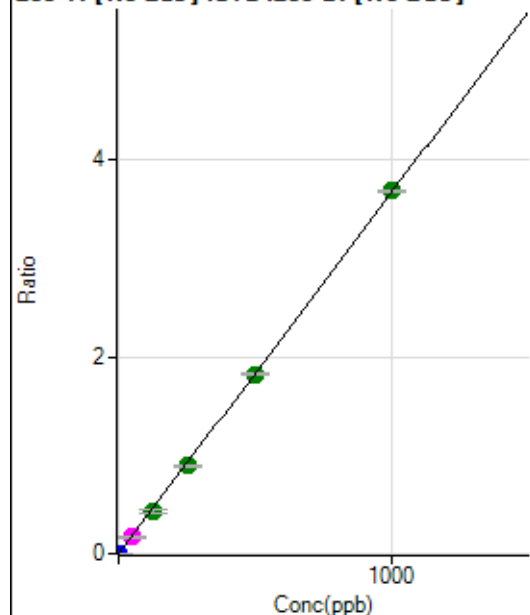
$$DL = 0.002525$$

$$BEC = 0.02119$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jt</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 840.03      | 0.0001 | P    | 10. |
| 2 | <input type="checkbox"/> | 1.000    | 0.833      | 31193.55    | 0.0031 | P    | 2.9 |
| 3 | <input type="checkbox"/> | 50.000   | 46.776     | 1745999.44  | 0.1718 | M    | 11. |
| 4 | <input type="checkbox"/> | 125.000  | 115.035    | 4446567.09  | 0.4223 | A    | 10. |
| 5 | <input type="checkbox"/> | 250.000  | 242.736    | 9377215.70  | 0.8911 | A    | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 496.426    | 19300315.96 | 1.8222 | A    | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.010   | 41716055.21 | 3.6890 | A    | 0.5 |
| 8 | <input type="checkbox"/> |          |            | 2549.16     | 0.0003 | P    | 14. |

$$y = 0.0037 * x + 8.3653E-005$$

$$R = 0.9999$$

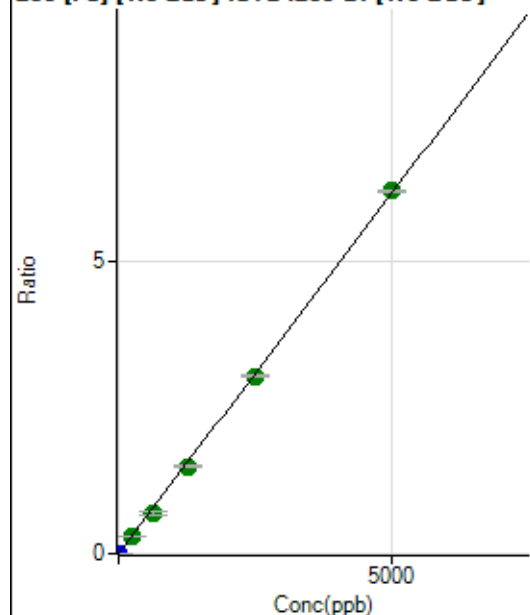
$$DL = 0.006831$$

$$BEC = 0.02279$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jt</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 960.04      | 0.0001 | P    | 6.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.814      | 10926.72    | 0.0011 | P    | 2.7 |
| 3 | <input type="checkbox"/> | 250.000  | 246.976    | 3094726.20  | 0.3049 | A    | 1.3 |
| 4 | <input type="checkbox"/> | 625.000  | 569.761    | 7406591.63  | 0.7033 | A    | 9.2 |
| 5 | <input type="checkbox"/> | 1250.000 | 1210.646   | 15725183.52 | 1.4942 | A    | 1.8 |
| 6 | <input type="checkbox"/> | 2500.000 | 2462.700   | 32186425.35 | 3.0394 | A    | 1.6 |
| 7 | <input type="checkbox"/> | 5000.000 | 5035.545   | 70281613.40 | 6.2147 | A    | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 7970.18     | 0.0008 | P    | 2.5 |

$$y = 0.0012 * x + 9.5502E-005$$

$$R = 0.9999$$

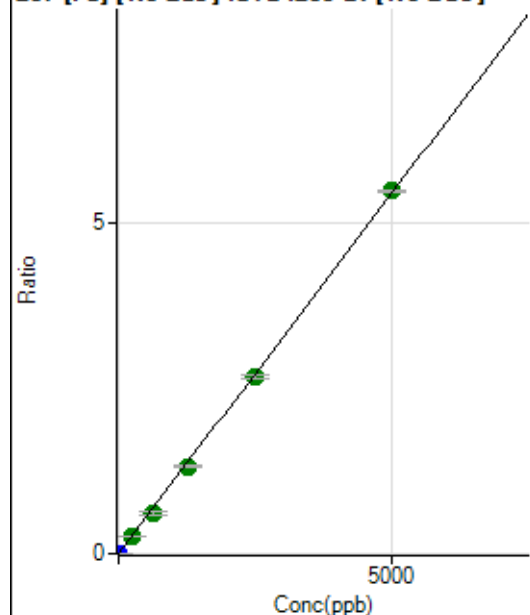
$$DL = 0.0152$$

$$BEC = 0.07738$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjct                     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 854.48      | 0.0001 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.819      | 9711.33     | 0.0010 | P    | 2.3 |
| 3 | <input type="checkbox"/> | 250.000  | 247.213    | 2736482.18  | 0.2696 | A    | 1.9 |
| 4 | <input type="checkbox"/> | 625.000  | 565.344    | 6491980.11  | 0.6165 | A    | 9.9 |
| 5 | <input type="checkbox"/> | 1250.000 | 1211.630   | 13904899.65 | 1.3212 | A    | 1.2 |
| 6 | <input type="checkbox"/> | 2500.000 | 2454.729   | 28343908.74 | 2.6767 | A    | 1.7 |
| 7 | <input type="checkbox"/> | 5000.000 | 5039.824   | 62145355.74 | 5.4954 | A    | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 7069.69     | 0.0007 | P    | 4.3 |

$$y = 0.0011 * x + 8.5038E-005$$

$$R = 0.9999$$

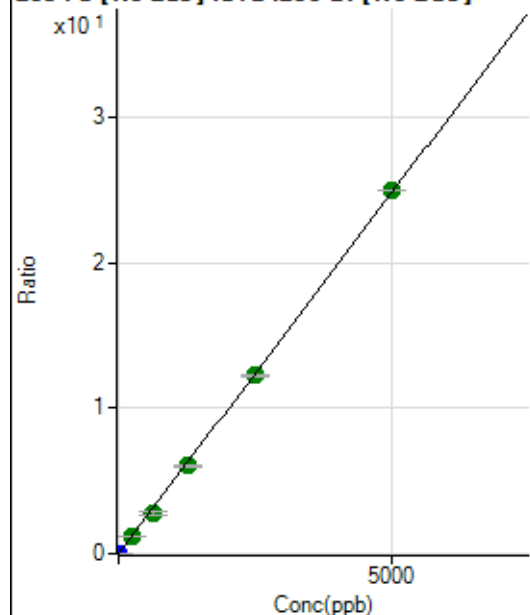
$$DL = 0.01904$$

$$BEC = 0.07799$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjct                     | Conc.    | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3816.91      | 0.0004  | P    | 3.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.819      | 44037.19     | 0.0044  | P    | 2.4 |
| 3 | <input type="checkbox"/> | 250.000  | 246.812    | 12418039.19  | 1.2236  | A    | 0.6 |
| 4 | <input type="checkbox"/> | 625.000  | 568.934    | 29702255.94  | 2.8200  | A    | 9.0 |
| 5 | <input type="checkbox"/> | 1250.000 | 1218.441   | 63557118.49  | 6.0390  | A    | 1.0 |
| 6 | <input type="checkbox"/> | 2500.000 | 2470.637   | 129673099.18 | 12.2449 | A    | 1.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 5029.739   | 281901730.24 | 24.9279 | A    | 0.1 |
| 8 | <input type="checkbox"/> |          |            | 31940.47     | 0.0033  | P    | 2.0 |

$$y = 0.0050 * x + 3.7955E-004$$

$$R = 0.9999$$

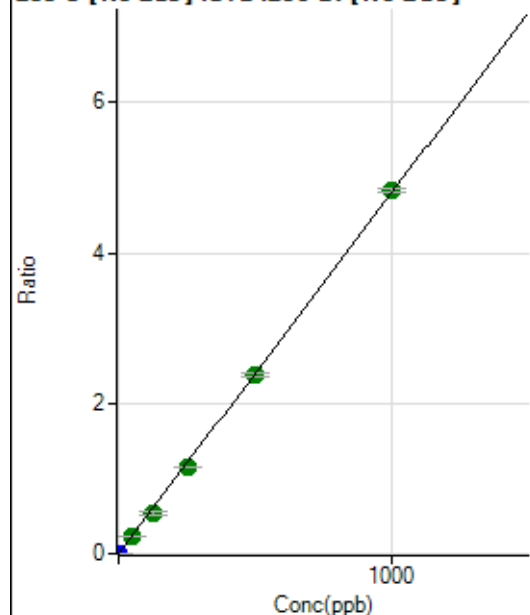
$$DL = 0.008463$$

$$BEC = 0.07658$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rjc<br>t                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 386.68      | 0.0000 | P        | 12. |
| 2 | <input type="checkbox"/> | 1.000    | 0.780      | 37493.81    | 0.0038 | P        | 2.2 |
| 3 | <input type="checkbox"/> | 50.000   | 48.345     | 2352305.52  | 0.2318 | A        | 2.0 |
| 4 | <input type="checkbox"/> | 125.000  | 111.269    | 5621666.58  | 0.5334 | A        | 7.6 |
| 5 | <input type="checkbox"/> | 250.000  | 240.710    | 12144078.02 | 1.1539 | A        | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 495.740    | 25167875.18 | 2.3765 | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.252   | 54555628.63 | 4.8238 | A        | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 1292.30     | 0.0001 | P        | 14. |

$$y = 0.0048 * x + 3.8445E-005$$

$$R = 0.9999$$

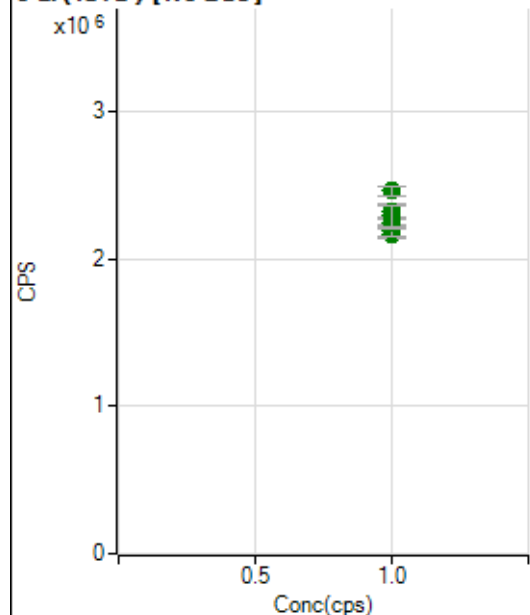
$$DL = 0.003106$$

$$BEC = 0.00802$$

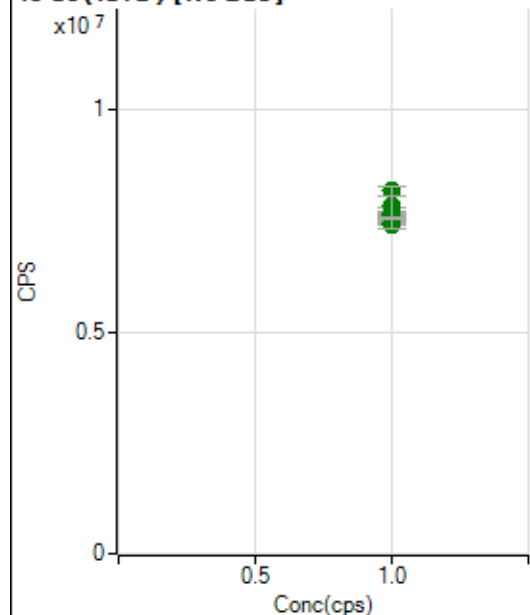
Weight: &lt;None&gt;

Min Conc: 0

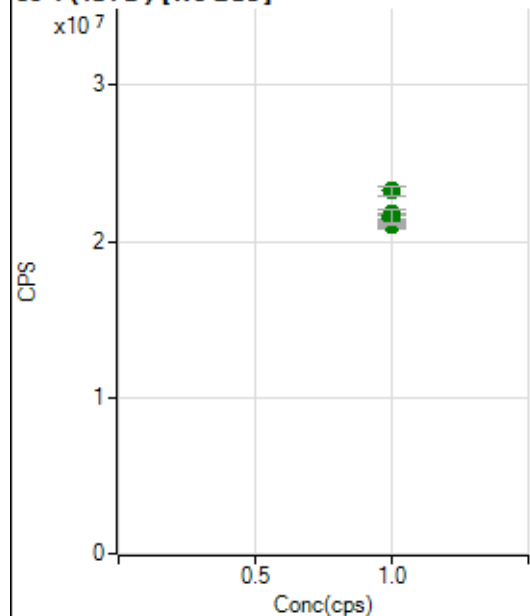
6 Li (ISTD) [No Gas]



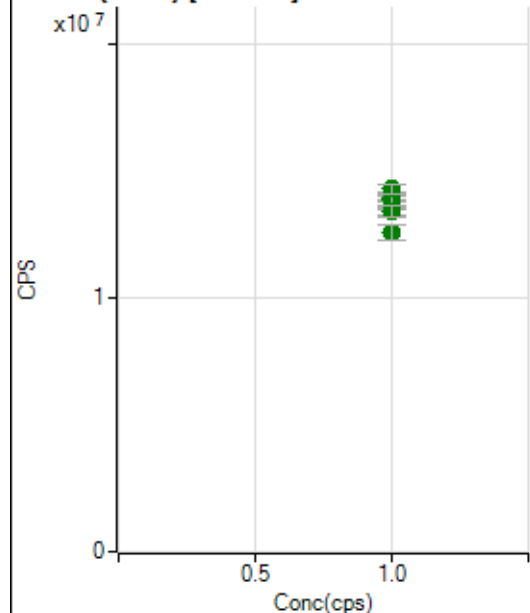
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2170909.93 |       | A        | 3.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2186673.80 |       | A        | 3.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2239472.40 |       | A        | 2.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2321948.73 |       | A        | 3.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2239911.69 |       | A        | 3.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2316195.35 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2460366.52 |       | A        | 2.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2288696.09 |       | A        | 5.8 |

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

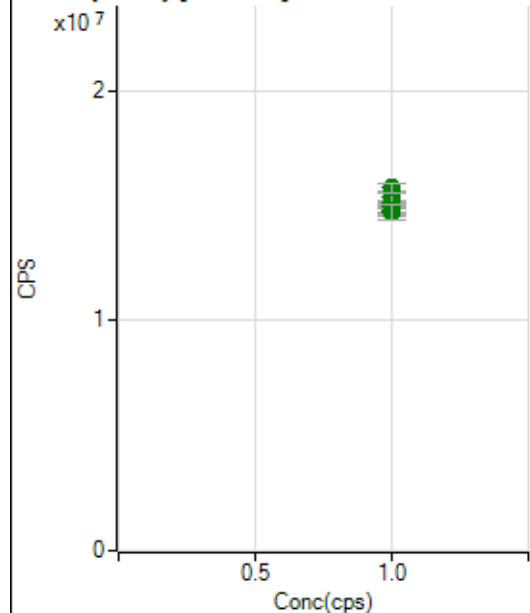
|   | Rjct                     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7537826.83 |       | A    | 2.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7539387.11 |       | A    | 3.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7628777.74 |       | A    | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7685142.04 |       | A    | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7411285.10 |       | A    | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7445568.01 |       | A    | 3.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8172717.10 |       | A    | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7827234.74 |       | A    | 6.0 |

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

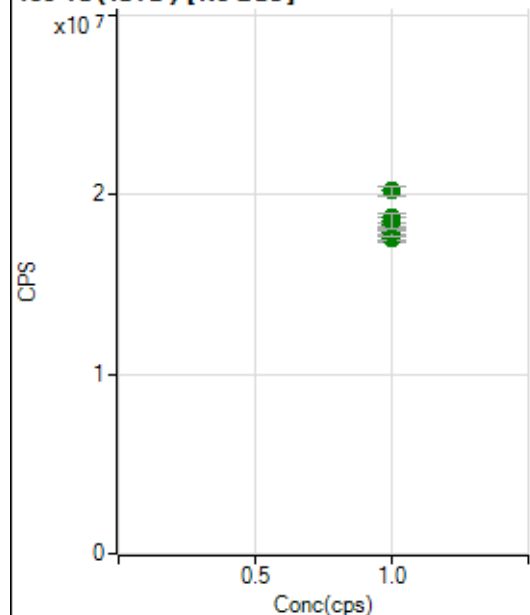
|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 21077045.66 |       | A    | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 21027367.88 |       | A    | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 21495192.18 |       | A    | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 21772081.90 |       | A    | 3.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 21119691.77 |       | A    | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 21445867.74 |       | A    | 3.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 23233066.04 |       | A    | 2.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 21653810.23 |       | A    | 4.1 |

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

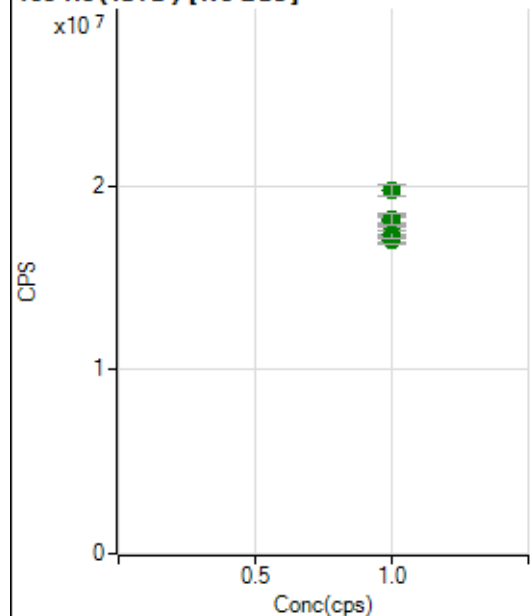
|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13634482.58 |       | A    | 2.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 13635540.91 |       | A    | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 13888475.76 |       | A    | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13854590.07 |       | A    | 4.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13374752.02 |       | A    | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13375892.58 |       | A    | 3.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14276962.84 |       | A    | 2.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12542499.26 |       | A    | 4.6 |

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

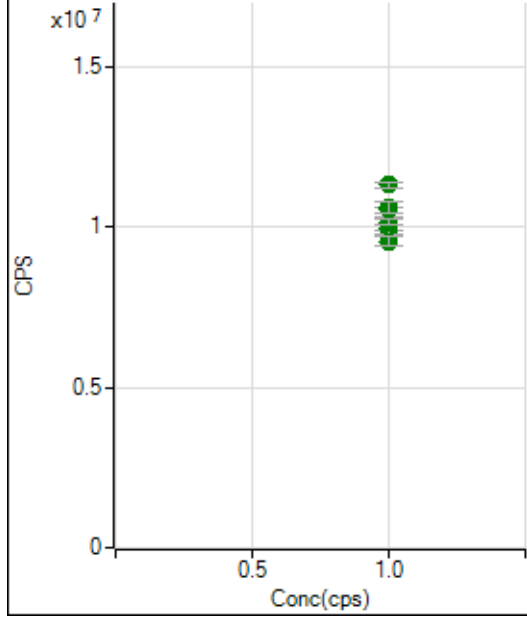
|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14735289.70 |       | A    | 2.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14930205.99 |       | A    | 2.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 15123231.79 |       | A    | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15368789.91 |       | A    | 3.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14774222.09 |       | A    | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14830410.32 |       | A    | 3.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15771088.36 |       | A    | 2.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14710865.39 |       | A    | 4.8 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17549121.41 |       | A    | 2.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17555637.38 |       | A    | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 17856488.62 |       | A    | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 18332297.78 |       | A    | 4.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 18423891.95 |       | A    | 2.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18682751.81 |       | A    | 2.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 20186226.23 |       | A    | 3.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 18472167.64 |       | A    | 4.6 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17111647.52 |       | A    | 2.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17053181.41 |       | A    | 2.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 17408223.21 |       | A    | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17953800.01 |       | A    | 4.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17873227.09 |       | A    | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18095583.90 |       | A    | 3.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 19735968.04 |       | A    | 3.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 18213190.28 |       | A    | 3.8 |

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

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10063559.22 |       | A        | 3.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9929599.23  |       | A        | 3.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10148659.36 |       | A        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10556290.19 |       | A        | 4.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10523649.91 |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10593273.11 |       | A        | 3.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11308671.78 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9551583.96  |       | A        | 3.0 |