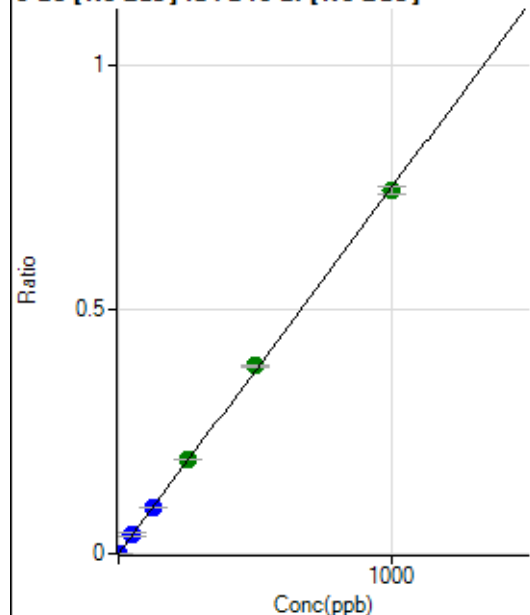


# Calibration for 015LLIC.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012025MS-02.b\  
 Analysis File: P8012025MS-02.batch.bin  
 DA Date-Time: 2025-01-20 13:54:07  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2025-01-20 13:16:54 |
| 2     | 006CALS.d          | S02         | 2025-01-20 13:23:37 |
| 3     | 007CALB.d          | S03         | 2025-01-20 13:26:58 |
| 4     | 008CALS.d          | S04         | 2025-01-20 13:30:05 |
| 5     | 009CALS.d          | S05         | 2025-01-20 13:33:02 |
| 6     | 010CALS.d          | S06         | 2025-01-20 13:35:55 |
| 7     | 011CALS.d          | S07         | 2025-01-20 13:38:40 |
| 8     | 012CALS.d          | S08         | 2025-01-20 13:41:27 |

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 300.80     | 0.0000 | P   | 1.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.986      | 6172.62    | 0.0008 | P   | 9.0  |
| 3 | <input type="checkbox"/> | 50.000   | 51.924     | 280337.75  | 0.0389 | P   | 19.6 |
| 4 | <input type="checkbox"/> | 125.000  | 124.480    | 664482.27  | 0.0931 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 257.183    | 1373427.65 | 0.1924 | A   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 513.722    | 2617752.37 | 0.3843 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.312    | 4919461.06 | 0.7415 | A   | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 1228.24    | 0.0002 | P   | 14.4 |

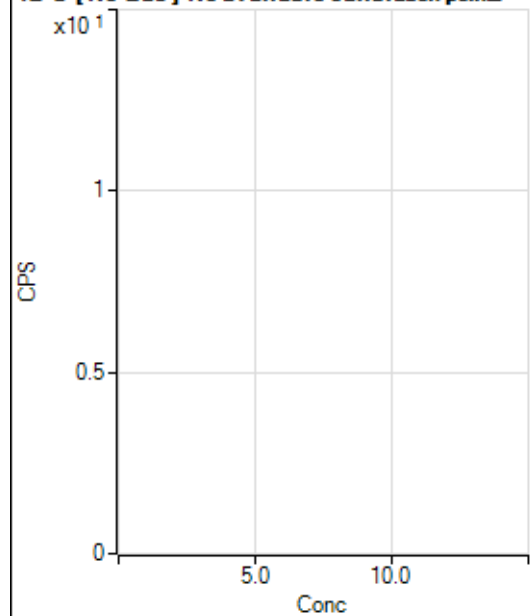
$$y = 7.4797\text{E-}004 * x + 4.0321\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.002056$$

Weight: &lt;None&gt;

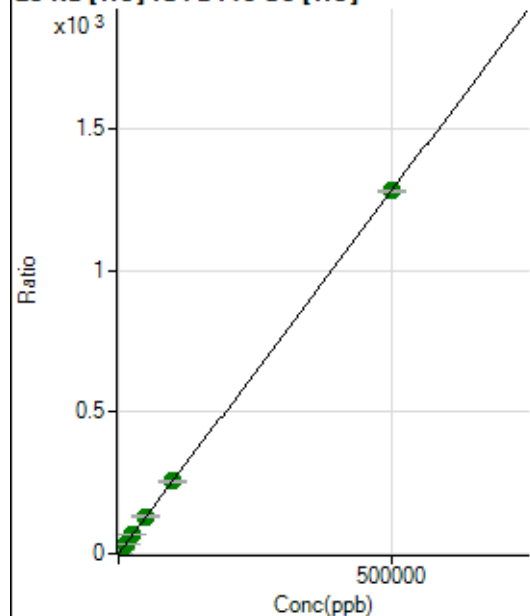
Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|------------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 2988767.87 |       | A   | 0.7  |
| 2 | <input type="checkbox"/> |       |            | 3413285.61 |       | A   | 1.0  |
| 3 | <input type="checkbox"/> |       |            | 3381751.13 |       | A   | 2.8  |
| 4 | <input type="checkbox"/> |       |            | 3362685.65 |       | A   | 1.0  |
| 5 | <input type="checkbox"/> |       |            | 3391706.51 |       | A   | 0.9  |
| 6 | <input type="checkbox"/> |       |            | 3595805.05 |       | A   | 1.4  |
| 7 | <input type="checkbox"/> |       |            | 4025413.31 |       | A   | 2.6  |
| 8 | <input type="checkbox"/> |       |            | 5689364.53 |       | A   | 13.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 20349.72 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> |       |            | 23176.11 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> |       |            | 22688.68 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> |       |            | 23052.53 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> |       |            | 23863.86 |       | P        | 0.1 |
| 6 | <input type="checkbox"/> |       |            | 26215.62 |       | P        | 1.5 |
| 7 | <input type="checkbox"/> |       |            | 30190.99 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> |       |            | 54903.15 |       | P        | 0.5 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19756.79    | 0.1115    | P        | 1.1 |
| 2 | <input type="checkbox"/> | 500.000   | 568.028    | 266513.12   | 1.5679    | P        | 4.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5125.352   | 2403126.88  | 13.2523   | A        | 1.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 12823.617  | 5755021.44  | 32.9898   | A        | 1.0 |
| 5 | <input type="checkbox"/> | 25000.000 | 25658.172  | 11365147.33 | 65.8962   | A        | 3.3 |
| 6 | <input type="checkbox"/> | 50000.000 | 51196.294  | 22803129.94 | 131.3731  | A        | 1.8 |
| 7 | <input type="checkbox"/> | 100000.00 | 99385.558  | 44902612.66 | 254.9250  | A        | 1.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 499960.93  | 193092612.6 | 1,281.955 | A        | 0.4 |

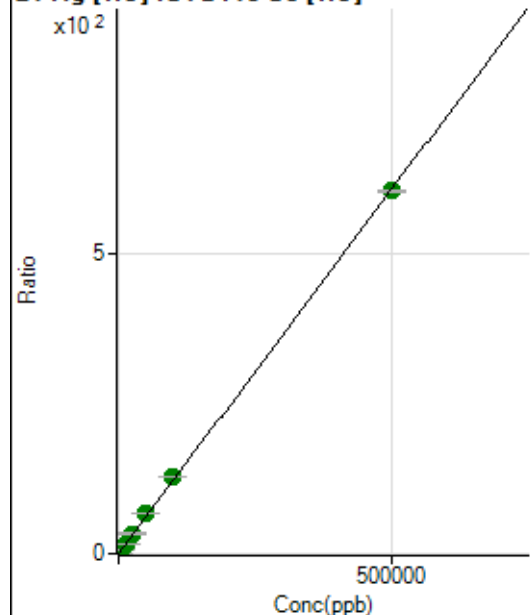
$$y = 0.0026 * x + 0.1115$$

$$R = 1.0000$$

$$DL = 1.442$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 494.46      | 0.0028   | P   | 27.0 |
| 2 | <input type="checkbox"/> | 500.000   | 622.568    | 128868.04   | 0.7582   | P   | 4.4  |
| 3 | <input type="checkbox"/> | 5000.000  | 5536.159   | 1218508.36  | 6.7199   | A   | 2.7  |
| 4 | <input type="checkbox"/> | 12500.000 | 14095.477  | 2984043.39  | 17.1051  | A   | 1.4  |
| 5 | <input type="checkbox"/> | 25000.000 | 27685.849  | 5794146.51  | 33.5946  | A   | 3.3  |
| 6 | <input type="checkbox"/> | 50000.000 | 55084.747  | 11602091.08 | 66.8383  | A   | 0.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 106241.77  | 22706176.33 | 128.9082 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 500000.00 | 498063.50  | 91024075.31 | 604.3137 | A   | 0.3  |

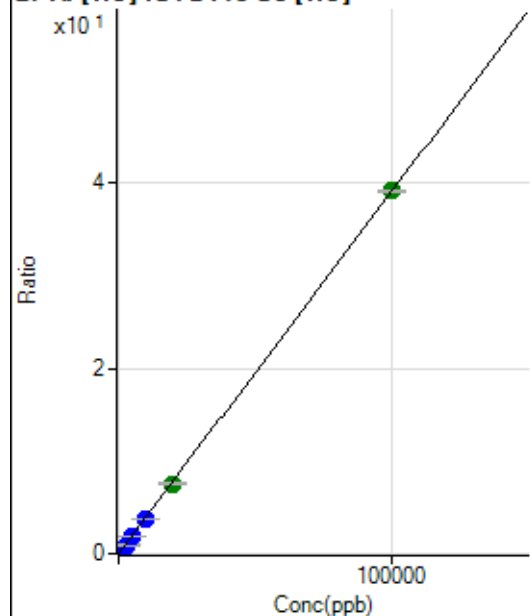
$$y = 0.0012 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 1.866$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 70.00      | 0.0004  | P   | 17.8 |
| 2 | <input type="checkbox"/> | 20.000    | 20.812     | 1447.87    | 0.0085  | P   | 4.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 944.228    | 66907.35   | 0.3689  | P   | 0.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2383.290   | 162302.52  | 0.9304  | P   | 0.6  |
| 5 | <input type="checkbox"/> | 5000.000  | 4744.231   | 319389.22  | 1.8517  | P   | 2.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 9454.023   | 640443.72  | 3.6896  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19261.848  | 1324002.93 | 7.5168  | A   | 2.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 100218.49  | 5890618.18 | 39.1079 | A   | 0.8  |

$$y = 3.9022E-004 * x + 3.9543E-004$$

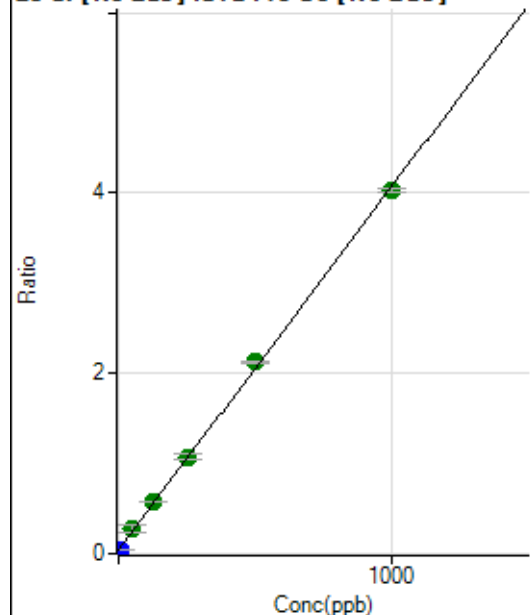
$$R = 1.0000$$

$$DL = 0.5424$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 439018.00   | 0.0430 | P   | 1.2  |
| 2 | <input type="checkbox"/> | 10.000   | 1.318      | 521372.71   | 0.0483 | P   | 11.8 |
| 3 | <input type="checkbox"/> | 50.000   | 57.947     | 2657734.09  | 0.2762 | A   | 24.1 |
| 4 | <input type="checkbox"/> | 125.000  | 132.944    | 5819722.69  | 0.5781 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 256.762    | 10867568.59 | 1.0766 | A   | 4.9  |
| 6 | <input type="checkbox"/> | 500.000  | 516.477    | 21210476.35 | 2.1221 | A   | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.767    | 40188977.18 | 4.0233 | A   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 540090.23   | 0.0630 | P   | 2.0  |

$$y = 0.0040 * x + 0.0430$$

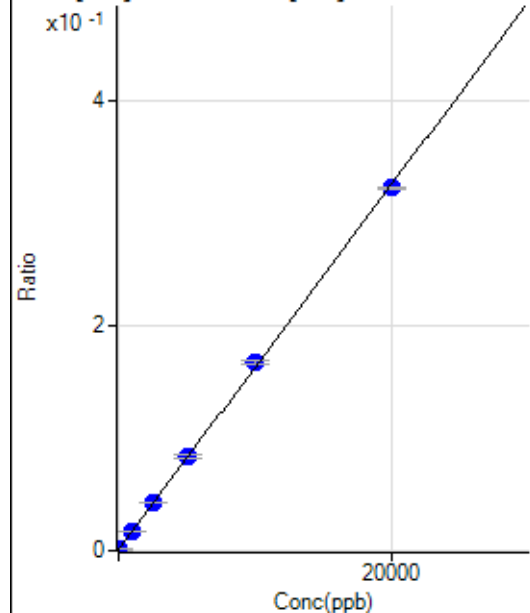
$$R = 0.9996$$

$$DL = 0.383$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -23.439    | 77.78    | 0.0004 | P   | 8.7  |
| 2 | <input type="checkbox"/> | 0.000     | 23.439     | 203.34   | 0.0012 | P   | 15.1 |
| 3 | <input type="checkbox"/> | 1000.000  | 984.002    | 3041.46  | 0.0168 | P   | 5.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2573.995   | 7425.29  | 0.0426 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 5000.000  | 5122.984   | 14469.52 | 0.0839 | P   | 4.2  |
| 6 | <input type="checkbox"/> | 10000.000 | 10292.600  | 29115.88 | 0.1677 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 20000.000 | 19814.504  | 56746.10 | 0.3222 | P   | 0.6  |
| 8 | <input type="checkbox"/> |           |            | 103.33   | 0.0007 | P   | 25.9 |

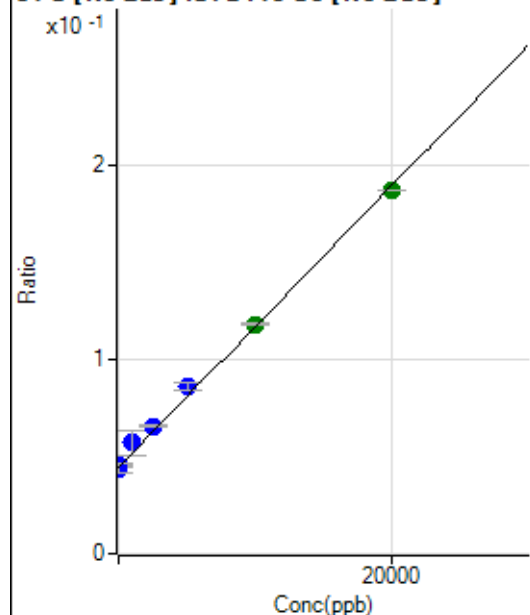
$$y = 1.6217E-005 * x + 8.1905E-004$$

$$R = 0.9998$$

$$DL = 20.32$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 91.436     | 462277.32  | 0.0453 | P    | 0.6  |
| 2 | <input type="checkbox"/> | 0.000     | -91.436    | 474393.64  | 0.0439 | P    | 11.6 |
| 3 | <input type="checkbox"/> | 1000.000  | 1719.693   | 550804.56  | 0.0571 | P    | 22.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2931.589   | 663142.57  | 0.0659 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 5790.737   | 874672.92  | 0.0866 | P    | 4.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 10161.177  | 1183245.55 | 0.1184 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 20000.000 | 19631.794  | 1869666.39 | 0.1872 | A    | 0.1  |
| 8 | <input type="checkbox"/> |           |            | 341644.28  | 0.0398 | P    | 0.8  |

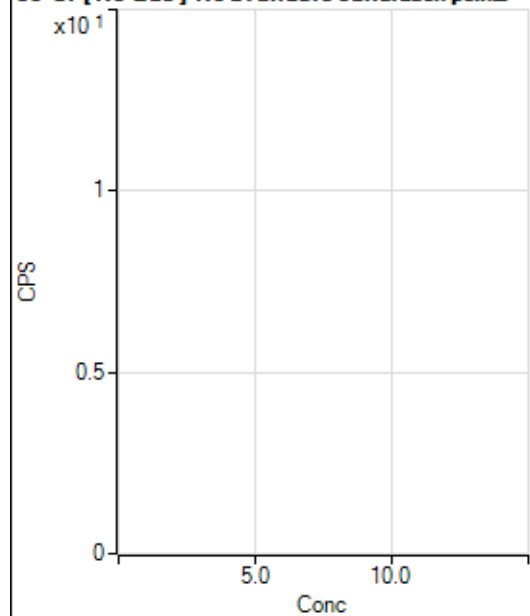
$$y = 7.2621\text{E-}006 * x + 0.0446$$

$$R = 0.9987$$

$$DL = 1115$$

Weight: &lt;None&gt;

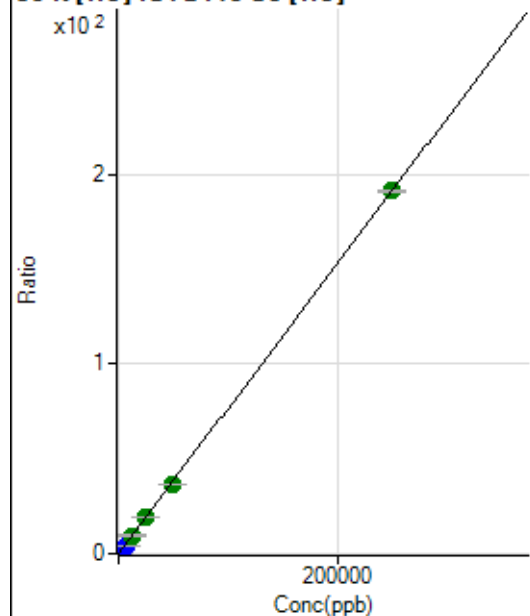
Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 87301.98  |       | P    | 1.0 |
| 2 | <input type="checkbox"/> |       |            | 89021.26  |       | P    | 0.1 |
| 3 | <input type="checkbox"/> |       |            | 91722.28  |       | P    | 0.9 |
| 4 | <input type="checkbox"/> |       |            | 93513.74  |       | P    | 1.0 |
| 5 | <input type="checkbox"/> |       |            | 95968.46  |       | P    | 1.0 |
| 6 | <input type="checkbox"/> |       |            | 105718.87 |       | P    | 1.5 |
| 7 | <input type="checkbox"/> |       |            | 125191.17 |       | P    | 2.2 |
| 8 | <input type="checkbox"/> |       |            | 78650.90  |       | P    | 1.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 327.79 |       | P        | 22.4 |
| 2 | <input type="checkbox"/> |       |            | 364.45 |       | P        | 13.9 |
| 3 | <input type="checkbox"/> |       |            | 338.90 |       | P        | 6.7  |
| 4 | <input type="checkbox"/> |       |            | 370.01 |       | P        | 8.1  |
| 5 | <input type="checkbox"/> |       |            | 366.67 |       | P        | 16.8 |
| 6 | <input type="checkbox"/> |       |            | 421.12 |       | P        | 13.2 |
| 7 | <input type="checkbox"/> |       |            | 482.23 |       | P        | 4.9  |
| 8 | <input type="checkbox"/> |       |            | 335.56 |       | P        | 4.7  |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6919.49     | 0.0391   | P        | 4.2 |
| 2 | <input type="checkbox"/> | 500.000   | 534.806    | 76122.46    | 0.4478   | P        | 4.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2307.121   | 326904.42   | 1.8025   | P        | 1.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 5895.266   | 792872.79   | 4.5452   | P        | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12397.007  | 1641061.38  | 9.5149   | A        | 3.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24691.725  | 3282843.01  | 18.9126  | A        | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 47826.281  | 6446082.82  | 36.5959  | A        | 0.9 |
| 8 | <input type="checkbox"/> | 250000.00 | 250481.44  | 28844672.07 | 191.4988 | A        | 0.2 |

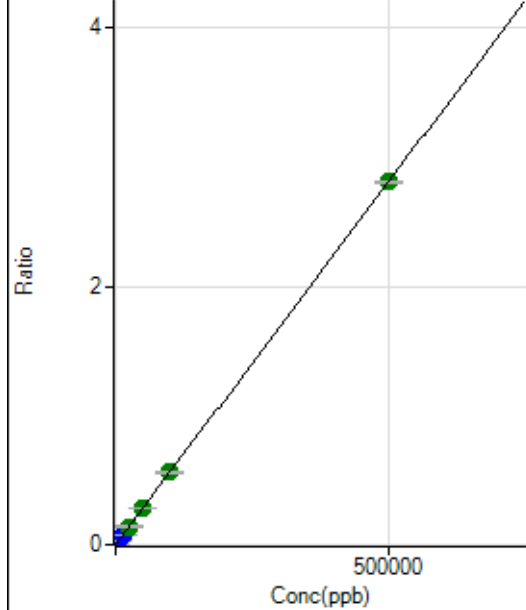
$$y = 7.6437E-004 * x + 0.0391$$

$$R = 1.0000$$

$$DL = 6.473$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 652.25      | 0.0001 | P   | 7.8  |
| 2 | <input type="checkbox"/> | 500.000   | 502.696    | 31114.75    | 0.0029 | P   | 13.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5288.731   | 286052.90   | 0.0297 | P   | 24.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 12125.520  | 685427.60   | 0.0681 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 25000.000 | 25120.915  | 1423546.38  | 0.1410 | A   | 4.7  |
| 6 | <input type="checkbox"/> | 50000.000 | 50513.785  | 2833296.73  | 0.2835 | A   | 1.8  |
| 7 | <input type="checkbox"/> | 100000.00 | 99600.911  | 5583183.74  | 0.5589 | A   | 0.6  |
| 8 | <input type="checkbox"/> | 500000.00 | 500028.86  | 24060389.92 | 2.8056 | A   | 0.4  |

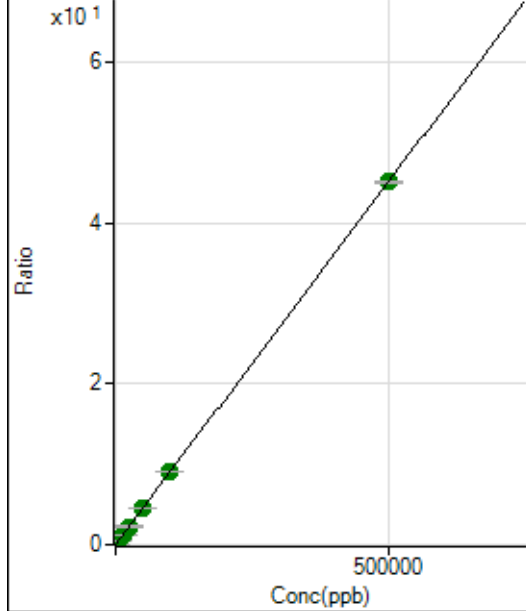
$$y = 5.6108\text{E-}006 * x + 6.3879\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.673$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 12528.88    | 0.0012  | P   | 1.8  |
| 2 | <input type="checkbox"/> | 500.000   | 502.045    | 501592.12   | 0.0465  | P   | 12.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5448.895   | 4738972.12  | 0.4925  | A   | 24.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 12640.355  | 11483804.27 | 1.1408  | A   | 0.7  |
| 5 | <input type="checkbox"/> | 25000.000 | 25035.435  | 22803525.77 | 2.2583  | A   | 3.9  |
| 6 | <input type="checkbox"/> | 50000.000 | 50342.892  | 45373573.21 | 4.5399  | A   | 2.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 99859.054  | 89946286.44 | 9.0040  | A   | 0.8  |
| 8 | <input type="checkbox"/> | 500000.00 | 499984.12  | 386573563.1 | 45.0774 | A   | 0.5  |

$$y = 9.0155\text{E-}005 * x + 0.0012$$

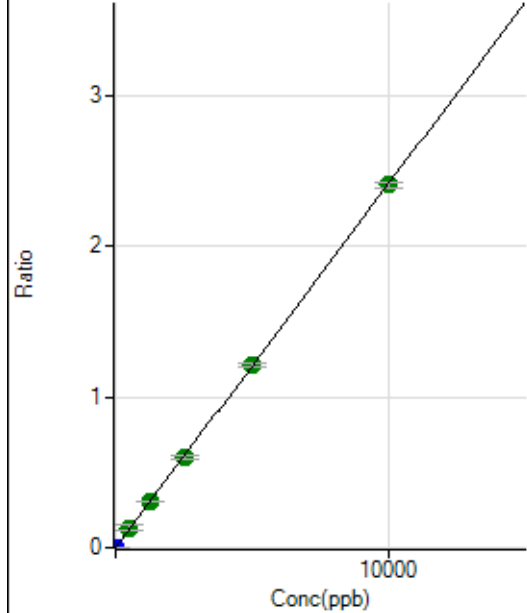
$$R = 1.0000$$

$$DL = 0.7418$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 188.89      | 0.0000 | P   | 20.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.971      | 13142.77    | 0.0012 | P   | 11.2 |
| 3 | <input type="checkbox"/> | 500.000   | 550.183    | 1277167.89  | 0.1326 | A   | 23.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1268.840   | 3078267.46  | 0.3058 | A   | 1.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2496.906   | 6076264.91  | 0.6018 | A   | 4.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5044.828   | 12152218.29 | 1.2159 | A   | 2.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9973.496   | 24011557.14 | 2.4038 | A   | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 7635.44     | 0.0009 | P   | 3.4  |

$$y = 2.4101E-004 * x + 1.8491E-005$$

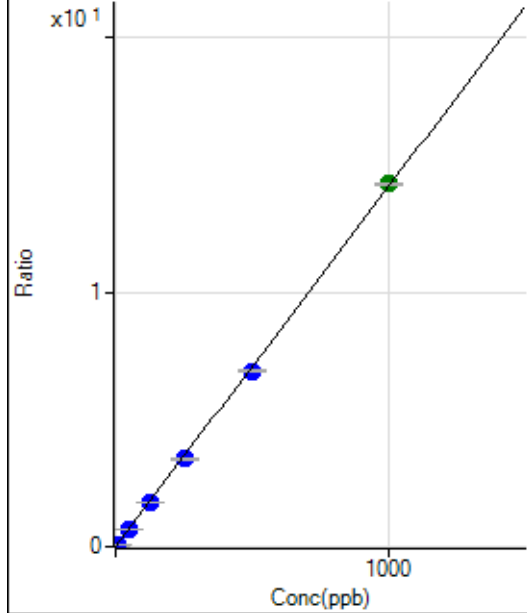
$$R = 1.0000$$

$$DL = 0.04713$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56       | 0.0000  | P   | 34.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.483      | 13200.62   | 0.0776  | P   | 2.4  |
| 3 | <input type="checkbox"/> | 50.000   | 47.166     | 121066.77  | 0.6675  | P   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 121.591    | 300174.24  | 1.7207  | P   | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 244.622    | 597090.22  | 3.4618  | P   | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 488.621    | 1200275.56 | 6.9147  | P   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.600   | 2511623.45 | 14.2591 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 377.79     | 0.0025  | P   | 6.2  |

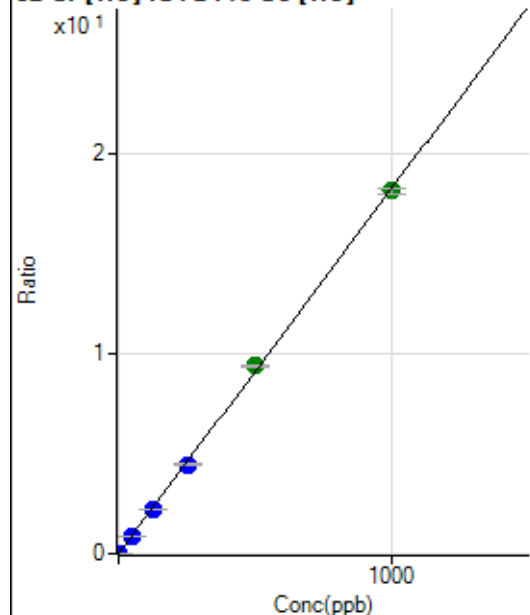
$$y = 0.0142 * x + 3.1318E-005$$

$$R = 0.9999$$

$$DL = 0.002274$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 498.90     | 0.0028  | P   | 7.0 |
| 2 | <input type="checkbox"/> | 2.000    | 2.241      | 7423.10    | 0.0437  | P   | 5.9 |
| 3 | <input type="checkbox"/> | 50.000   | 47.857     | 158808.33  | 0.8757  | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 122.491    | 390228.31  | 2.2370  | P   | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 244.663    | 770167.09  | 4.4653  | P   | 3.0 |
| 6 | <input type="checkbox"/> | 500.000  | 515.127    | 1631345.57 | 9.3984  | A   | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.191    | 3194471.79 | 18.1362 | A   | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 7192.85    | 0.0477  | P   | 3.6 |

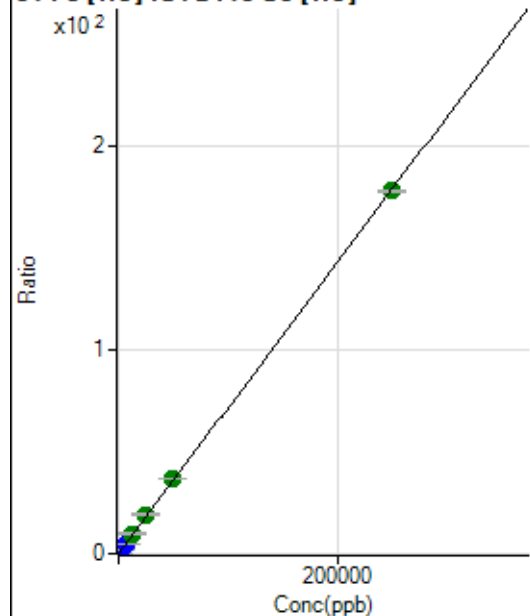
$$y = 0.0182 * x + 0.0028$$

$$R = 0.9998$$

$$DL = 0.03221$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 854.48      | 0.0048   | P   | 9.5 |
| 2 | <input type="checkbox"/> | 50.000    | 56.991     | 7733.27     | 0.0455   | P   | 7.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2519.275   | 327181.78   | 1.8042   | P   | 1.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6436.295   | 802794.28   | 4.6020   | P   | 0.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 13713.646  | 1689814.80  | 9.7998   | A   | 4.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 27015.281  | 3350085.64  | 19.3006  | A   | 1.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51526.392  | 6483355.74  | 36.8077  | A   | 0.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 249427.66  | 26834841.27 | 178.1595 | A   | 0.6 |

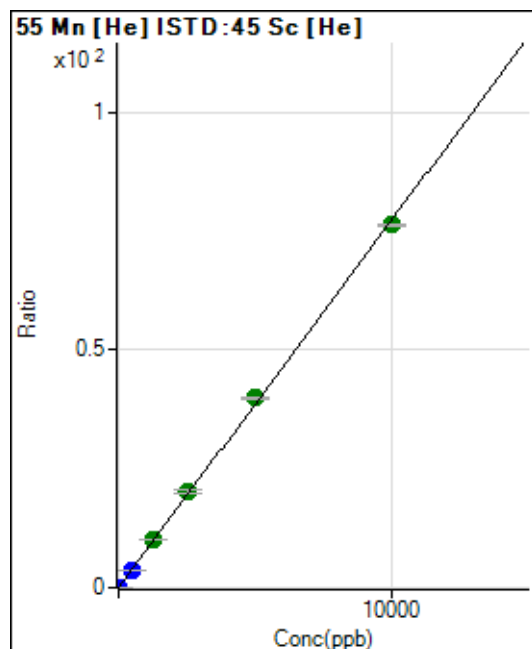
$$y = 7.1425E-004 * x + 0.0048$$

$$R = 0.9999$$

$$DL = 1.921$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 120.00      | 0.0007  | P    | 20.7 |
| 2 | <input type="checkbox"/> | 1.000     | 1.108      | 1571.21     | 0.0092  | P    | 3.8  |
| 3 | <input type="checkbox"/> | 500.000   | 483.084    | 677215.15   | 3.7340  | P    | 0.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1317.109   | 1775779.26  | 10.1795 | A    | 0.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2621.468   | 3494258.91  | 20.2598 | A    | 3.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5165.927   | 6929872.95  | 39.9237 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9879.127   | 13447998.41 | 76.3480 | A    | 0.9  |
| 8 | <input type="checkbox"/> |           |            | 3887.23     | 0.0258  | P    | 4.4  |

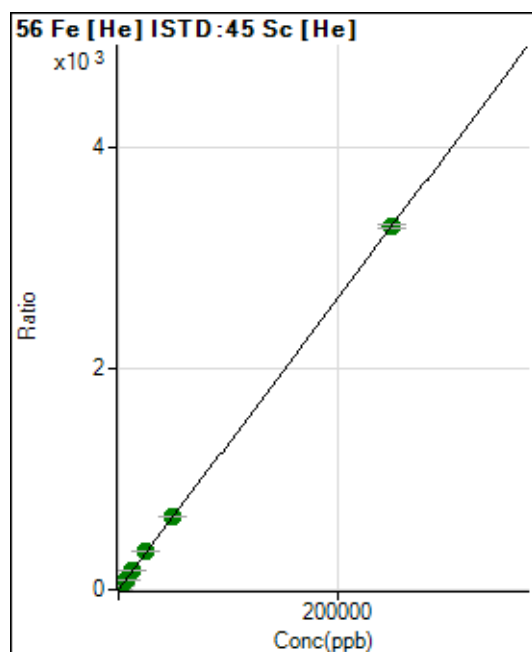
$$y = 0.0077 * x + 6.7694E-004$$

$$R = 0.9997$$

$$DL = 0.05431$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|-----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 22538.22    | 0.1276    | P    | 66.0 |
| 2 | <input type="checkbox"/> | 50.000    | 51.105     | 136016.01   | 0.8000    | P    | 3.3  |
| 3 | <input type="checkbox"/> | 2500.000  | 2571.809   | 6160739.35  | 33.9691   | A    | 0.9  |
| 4 | <input type="checkbox"/> | 6250.000  | 6635.419   | 15253173.94 | 87.4409   | A    | 1.0  |
| 5 | <input type="checkbox"/> | 12500.000 | 13327.568  | 30273795.94 | 175.5006  | A    | 2.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 26225.504  | 59923756.33 | 345.2203  | A    | 0.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 50114.060  | 116177056.0 | 659.5620  | A    | 0.4  |
| 8 | <input type="checkbox"/> | 250000.00 | 249802.90  | 495137863.7 | 3,287.201 | A    | 0.9  |

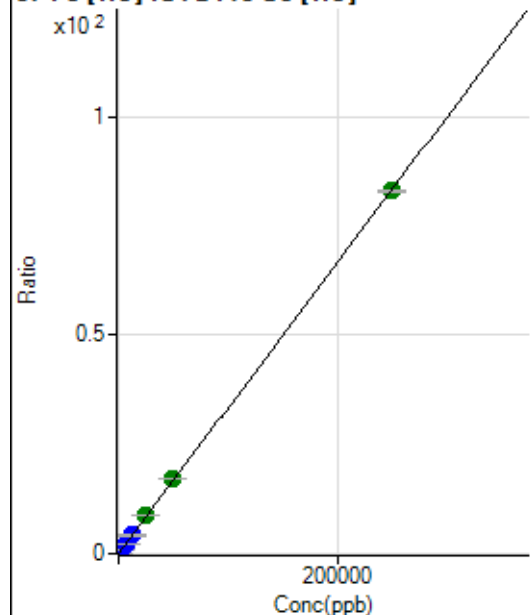
$$y = 0.0132 * x + 0.1276$$

$$R = 1.0000$$

$$DL = 19.2$$

Weight: <None>

Min Conc: 0

**<sup>57</sup>Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 377.79      | 0.0021  | P   | 6.7 |
| 2 | <input type="checkbox"/> | 50.000    | 55.790     | 3516.03     | 0.0207  | P   | 3.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2449.067   | 148006.07   | 0.8161  | P   | 1.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 6323.212   | 366971.18   | 2.1037  | P   | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12646.148  | 725337.44   | 4.2052  | P   | 2.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 26398.224  | 1523369.16  | 8.7757  | A   | 2.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 51293.001  | 3003180.93  | 17.0497 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 249592.94  | 12495101.62 | 82.9559 | A   | 0.8 |

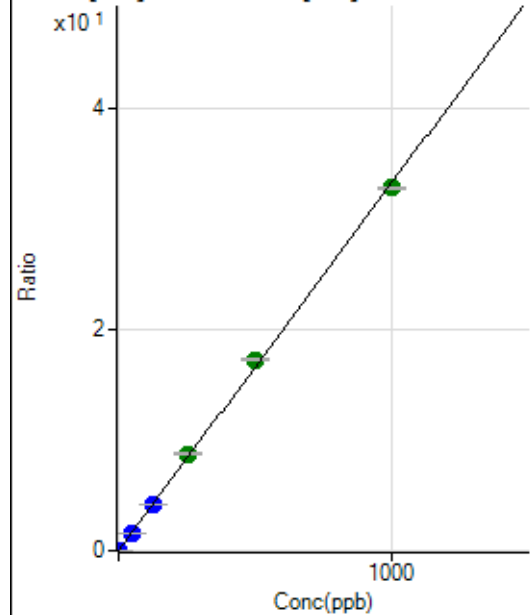
$$y = 3.3236\text{E-}004 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 1.29$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>59</sup>Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 67.78      | 0.0004  | P   | 23.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.159      | 6620.48    | 0.0390  | P   | 6.6  |
| 3 | <input type="checkbox"/> | 50.000   | 49.147     | 296804.81  | 1.6368  | P   | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 125.160    | 727016.73  | 4.1676  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 262.756    | 1509202.30 | 8.7490  | A   | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 519.431    | 3002196.07 | 17.2951 | A   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.118    | 5789229.43 | 32.8671 | A   | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 10006.92   | 0.0664  | P   | 2.0  |

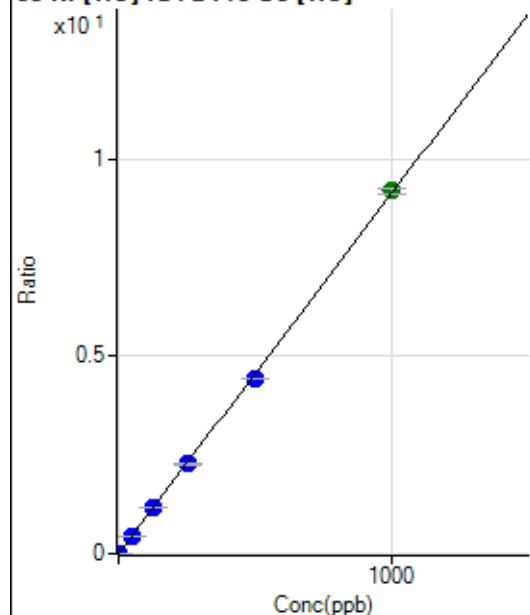
$$y = 0.0333 * x + 3.8295\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.008028$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1154.51    | 0.0065 | P   | 4.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.143      | 2879.21    | 0.0169 | P   | 5.3 |
| 3 | <input type="checkbox"/> | 50.000   | 49.385     | 82814.67   | 0.4566 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 125.678    | 200962.91  | 1.1520 | P   | 1.1 |
| 5 | <input type="checkbox"/> | 250.000  | 249.337    | 393120.06  | 2.2792 | P   | 2.8 |
| 6 | <input type="checkbox"/> | 500.000  | 484.700    | 768009.58  | 4.4244 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.762   | 1619119.42 | 9.1920 | A   | 1.3 |
| 8 | <input type="checkbox"/> |          |            | 6365.92    | 0.0423 | P   | 2.3 |

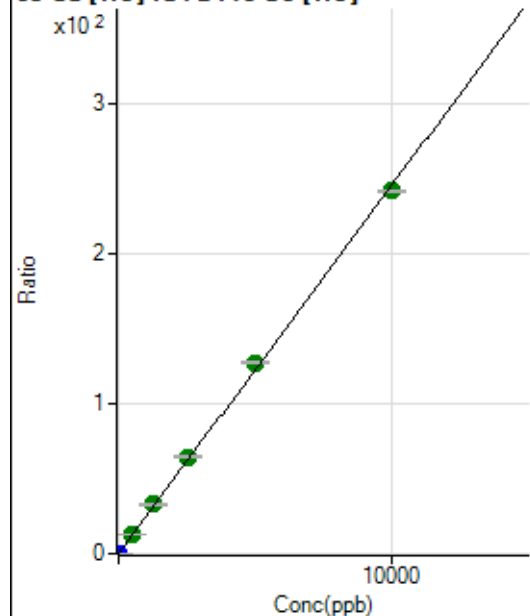
$$y = 0.0091 * x + 0.0065$$

$$R = 0.9998$$

$$DL = 0.08551$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3448.23     | 0.0195   | P   | 2.4 |
| 2 | <input type="checkbox"/> | 2.000     | 2.388      | 13282.96    | 0.0781   | P   | 2.8 |
| 3 | <input type="checkbox"/> | 500.000   | 527.339    | 2352663.98  | 12.9707  | A   | 0.3 |
| 4 | <input type="checkbox"/> | 1250.000  | 1333.199   | 5715219.36  | 32.7622  | A   | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2638.077   | 11179240.11 | 64.8094  | A   | 2.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5186.805   | 22114631.34 | 127.4049 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 9860.311   | 42659109.37 | 242.1839 | A   | 0.3 |
| 8 | <input type="checkbox"/> |           |            | 9635.56     | 0.0640   | P   | 3.8 |

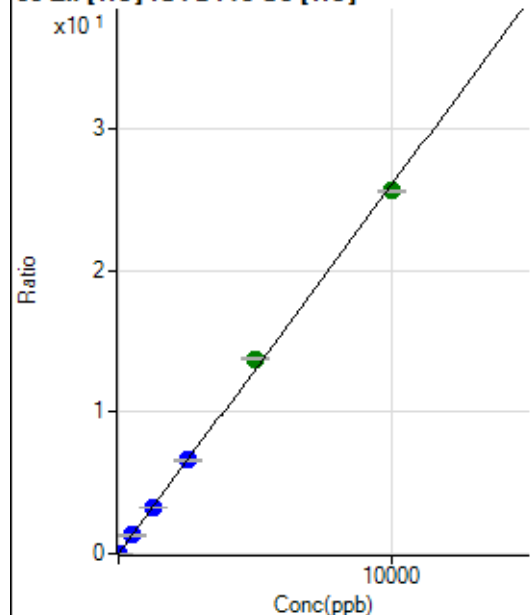
$$y = 0.0246 * x + 0.0195$$

$$R = 0.9996$$

$$DL = 0.05682$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 260.00     | 0.0015  | P   | 15.5 |
| 2 | <input type="checkbox"/> | 5.000     | 6.224      | 3003.68    | 0.0177  | P   | 6.1  |
| 3 | <input type="checkbox"/> | 500.000   | 498.627    | 235781.76  | 1.3002  | P   | 1.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1272.855   | 578586.56  | 3.3168  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2534.122   | 1138714.69 | 6.6019  | P   | 2.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5291.577   | 2392598.90 | 13.7840 | A   | 1.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 9842.892   | 4516084.52 | 25.6384 | A   | 0.7  |
| 8 | <input type="checkbox"/> |           |            | 5475.55    | 0.0364  | P   | 2.7  |

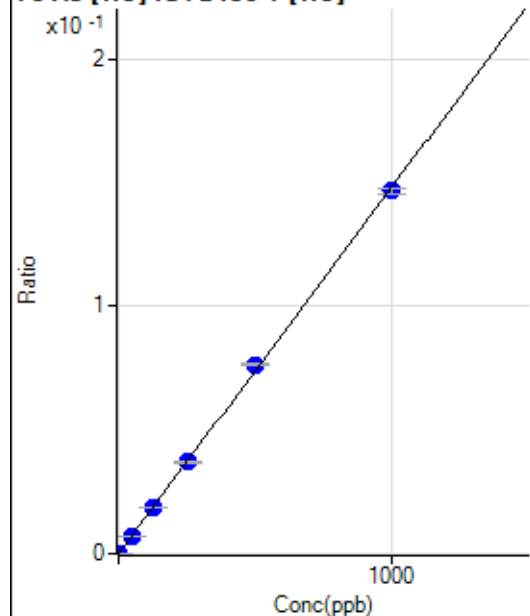
$$y = 0.0026 * x + 0.0015$$

$$R = 0.9994$$

$$DL = 0.2623$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11      | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 1.000    | 1.227      | 312.23    | 0.0002 | P   | 10.4 |
| 3 | <input type="checkbox"/> | 50.000   | 49.112     | 13248.54  | 0.0073 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 125.594    | 33212.39  | 0.0186 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 251.372    | 66011.42  | 0.0372 | P   | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 516.525    | 133756.51 | 0.0765 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.364    | 261291.48 | 0.1468 | P   | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 97.78     | 0.0001 | P   | 3.2  |

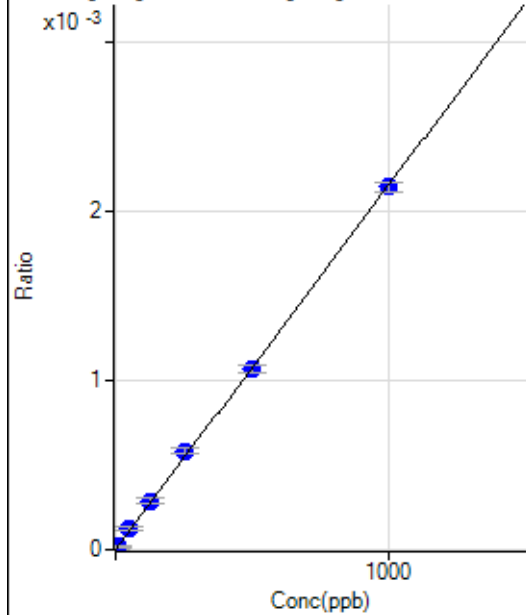
$$y = 1.4804E-004 * x + 6.1724E-007$$

$$R = 0.9998$$

$$DL = 0.02167$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 8.475      | 32.22   | 0.0000 | P   | 46.3 |
| 3 | <input type="checkbox"/> | 50.000   | 59.264     | 234.45  | 0.0001 | P   | 17.9 |
| 4 | <input type="checkbox"/> | 125.000  | 132.607    | 511.13  | 0.0003 | P   | 10.7 |
| 5 | <input type="checkbox"/> | 250.000  | 271.096    | 1036.71 | 0.0006 | P   | 4.4  |
| 6 | <input type="checkbox"/> | 500.000  | 494.887    | 1865.70 | 0.0011 | P   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.851    | 3820.55 | 0.0021 | P   | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P   | 173. |

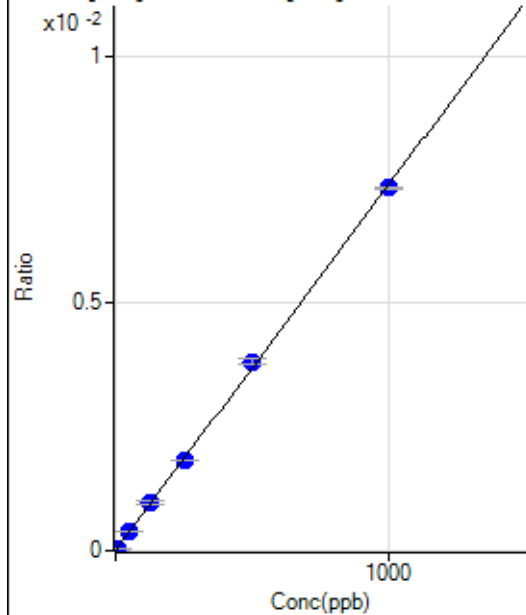
$$y = 2.1542\text{E-}006 * x + 6.1943\text{E-}007$$

$$R = 0.9997$$

$$DL = 1.494$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67     | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 5.000    | 6.704      | 91.11    | 0.0001 | P   | 9.7  |
| 3 | <input type="checkbox"/> | 50.000   | 52.870     | 718.91   | 0.0004 | P   | 3.7  |
| 4 | <input type="checkbox"/> | 125.000  | 130.237    | 1726.79  | 0.0010 | P   | 6.7  |
| 5 | <input type="checkbox"/> | 250.000  | 246.250    | 3237.07  | 0.0018 | P   | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 516.176    | 6679.43  | 0.0038 | P   | 2.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.043    | 13061.72 | 0.0073 | P   | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 7.78     | 0.0000 | P   | 22.8 |

$$y = 7.3910\text{E-}006 * x + 3.7151\text{E-}006$$

$$R = 0.9998$$

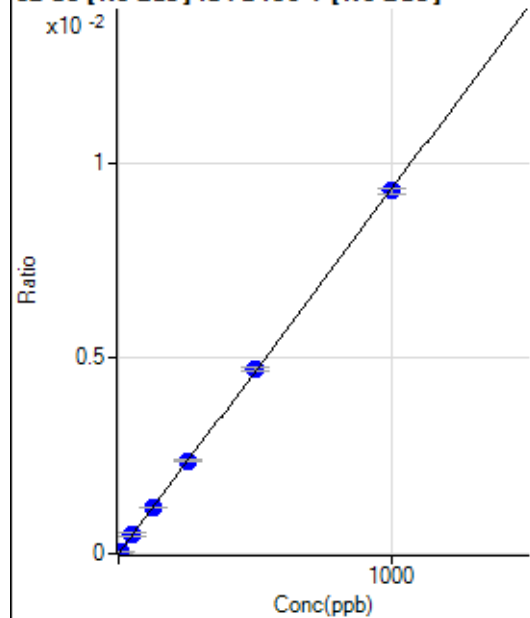
$$DL = 1.306$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 6494.90 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> |       |            | 6387.07 |       | P        | 1.5 |
| 3 | <input type="checkbox"/> |       |            | 6664.97 |       | P        | 1.9 |
| 4 | <input type="checkbox"/> |       |            | 6581.59 |       | P        | 4.2 |
| 5 | <input type="checkbox"/> |       |            | 6723.90 |       | P        | 2.7 |
| 6 | <input type="checkbox"/> |       |            | 7118.55 |       | P        | 2.4 |
| 7 | <input type="checkbox"/> |       |            | 7374.22 |       | P        | 2.1 |
| 8 | <input type="checkbox"/> |       |            | 7478.73 |       | P        | 4.3 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 45.56     | 0.0000 | P        | 74.3 |
| 2 | <input type="checkbox"/> | 5.000    | 4.985      | 1293.42   | 0.0000 | P        | 11.7 |
| 3 | <input type="checkbox"/> | 50.000   | 54.276     | 12415.75  | 0.0005 | P        | 19.7 |
| 4 | <input type="checkbox"/> | 125.000  | 127.475    | 30465.71  | 0.0012 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 253.777    | 60483.73  | 0.0024 | P        | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 506.780    | 120100.61 | 0.0047 | P        | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.143    | 235530.80 | 0.0093 | P        | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 52.22     | 0.0000 | P        | 24.3 |

$$y = 9.3292E-006 * x + 1.7752E-006$$

$$R = 1.0000$$

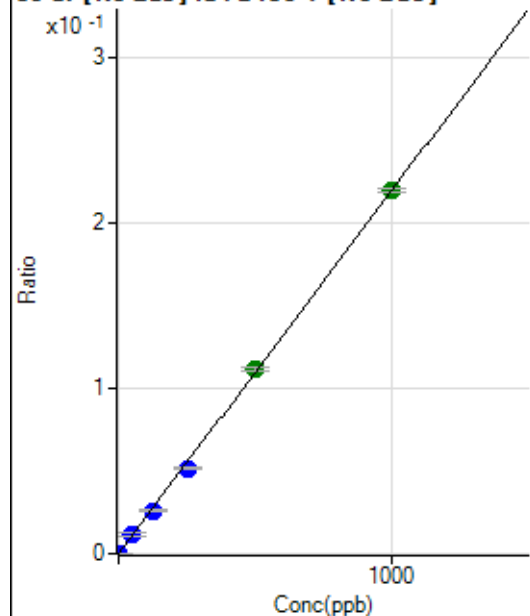
$$DL = 0.4241$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 148.89 |       | P        | 6.8  |
| 2 | <input type="checkbox"/> |       |            | 182.23 |       | P        | 12.2 |
| 3 | <input type="checkbox"/> |       |            | 172.22 |       | P        | 23.1 |
| 4 | <input type="checkbox"/> |       |            | 173.34 |       | P        | 5.1  |
| 5 | <input type="checkbox"/> |       |            | 176.67 |       | P        | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 211.11 |       | P        | 19.0 |
| 7 | <input type="checkbox"/> |       |            | 222.23 |       | P        | 3.5  |
| 8 | <input type="checkbox"/> |       |            | 334.45 |       | P        | 11.0 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 307.78     | 0.0000 | P        | 9.0  |
| 2 | <input type="checkbox"/> | 1.000    | 0.942      | 5845.72    | 0.0002 | P        | 12.6 |
| 3 | <input type="checkbox"/> | 50.000   | 51.572     | 274767.13  | 0.0113 | P        | 23.1 |
| 4 | <input type="checkbox"/> | 125.000  | 118.200    | 662329.24  | 0.0259 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 235.121    | 1314532.86 | 0.0515 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 508.996    | 2830318.92 | 0.1115 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.993    | 5554309.64 | 0.2190 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 12959.46   | 0.0006 | P        | 2.0  |

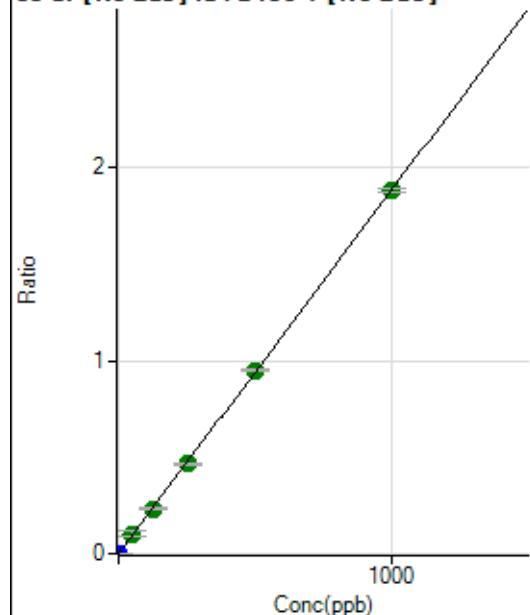
$$y = 2.1895E-004 * x + 1.2028E-005$$

$$R = 0.9998$$

$$DL = 0.01477$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 391.12      | 0.0000 | P        | 5.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.936      | 47600.94    | 0.0018 | P        | 12.6 |
| 3 | <input type="checkbox"/> | 50.000   | 54.699     | 2501182.03  | 0.1030 | A        | 23.7 |
| 4 | <input type="checkbox"/> | 125.000  | 123.294    | 5937817.34  | 0.2321 | A        | 3.0  |
| 5 | <input type="checkbox"/> | 250.000  | 247.589    | 11897762.46 | 0.4661 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 504.638    | 24124382.69 | 0.9500 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.262    | 47668973.73 | 1.8792 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 110417.44   | 0.0050 | P        | 1.1  |

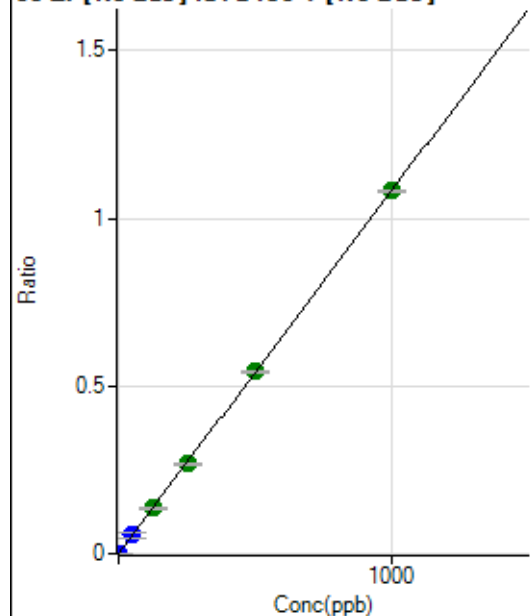
$$y = 0.0019 * x + 1.5280E-005$$

$$R = 1.0000$$

$$DL = 0.001326$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 853.37      | 0.0000 | P        | 6.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.969      | 28966.82    | 0.0011 | P        | 11.0 |
| 3 | <input type="checkbox"/> | 50.000   | 50.574     | 1328524.54  | 0.0547 | P        | 24.1 |
| 4 | <input type="checkbox"/> | 125.000  | 124.759    | 3452648.35  | 0.1350 | A        | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 247.006    | 6819937.88  | 0.2672 | A        | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 501.642    | 13778050.35 | 0.5426 | A        | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.929    | 27433664.04 | 1.0815 | A        | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 13563.39    | 0.0006 | P        | 4.4  |

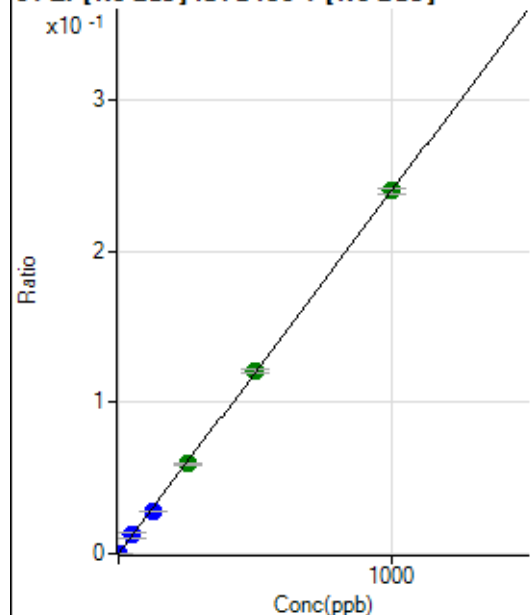
$$y = 0.0011 * x + 3.3329E-005$$

$$R = 1.0000$$

$$DL = 0.005796$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 165.56     | 0.0000 | P    | 9.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.963      | 6349.28    | 0.0002 | P    | 12.3 |
| 3 | <input type="checkbox"/> | 50.000   | 50.771     | 295444.34  | 0.0122 | P    | 24.0 |
| 4 | <input type="checkbox"/> | 125.000  | 116.903    | 716671.05  | 0.0280 | P    | 2.5  |
| 5 | <input type="checkbox"/> | 250.000  | 247.741    | 1515406.09 | 0.0594 | A    | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 502.448    | 3057214.64 | 0.1204 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.314   | 6079831.16 | 0.2397 | A    | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 3042.59    | 0.0001 | P    | 6.0  |

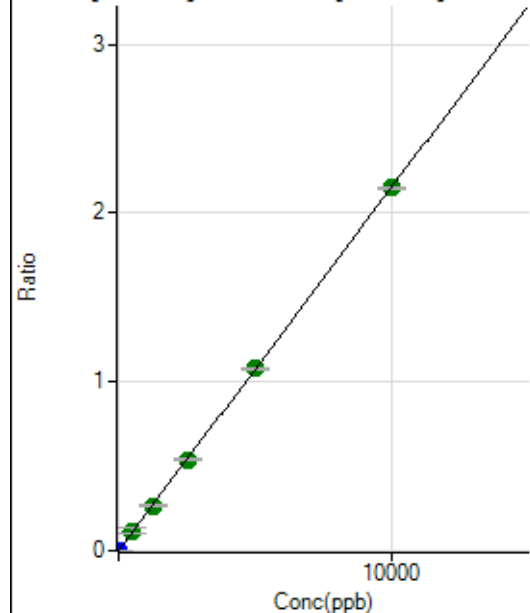
$$y = 2.3960E-004 * x + 6.4703E-006$$

$$R = 1.0000$$

$$DL = 0.00762$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 370.01      | 0.0000 | P    | 6.0  |
| 2 | <input type="checkbox"/> | 5.000     | 5.780      | 33725.27    | 0.0013 | P    | 10.8 |
| 3 | <input type="checkbox"/> | 500.000   | 549.166    | 2872345.76  | 0.1182 | A    | 23.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1242.683   | 6840431.01  | 0.2674 | A    | 3.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2493.022   | 13695802.85 | 0.5365 | A    | 2.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5021.863   | 27443830.98 | 1.0807 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9989.269   | 54530670.30 | 2.1497 | A    | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 11696.18    | 0.0005 | P    | 10.5 |

$$y = 2.1520E-004 * x + 1.4443E-005$$

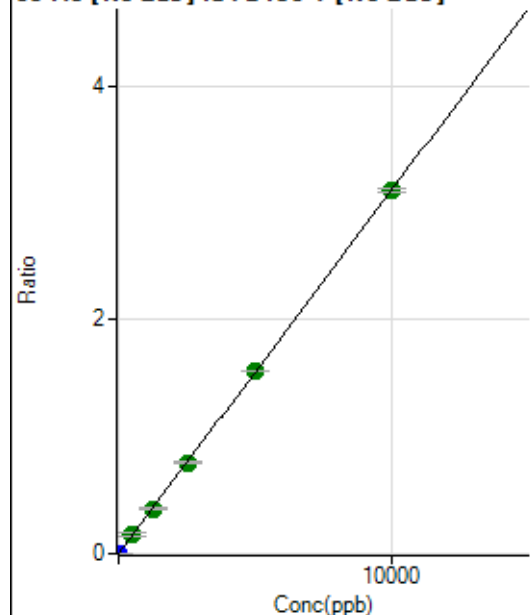
$$R = 1.0000$$

$$DL = 0.01211$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 150.00      | 0.0000 | P   | 3.3  |
| 2 | <input type="checkbox"/> | 5.000     | 4.849      | 40481.01    | 0.0015 | P   | 11.5 |
| 3 | <input type="checkbox"/> | 500.000   | 541.575    | 4087455.42  | 0.1681 | A   | 23.1 |
| 4 | <input type="checkbox"/> | 1250.000  | 1242.700   | 9869320.06  | 0.3858 | A   | 2.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2494.023   | 19766705.68 | 0.7743 | A   | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5032.278   | 39672522.19 | 1.5623 | A   | 0.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 9984.189   | 78624273.27 | 3.0996 | A   | 1.2  |
| 8 | <input type="checkbox"/> |           |            | 10526.35    | 0.0005 | P   | 12.8 |

$$y = 3.1045\text{E-}004 * x + 5.8593\text{E-}006$$

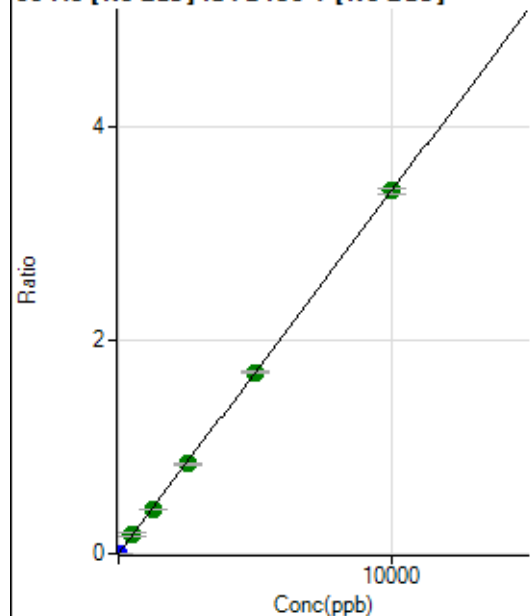
$$R = 1.0000$$

$$DL = 0.001887$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 188.89      | 0.0000 | P   | 8.2  |
| 2 | <input type="checkbox"/> | 5.000     | 4.889      | 44656.04    | 0.0017 | P   | 11.9 |
| 3 | <input type="checkbox"/> | 500.000   | 542.586    | 4473009.20  | 0.1842 | A   | 24.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1235.031   | 10728846.23 | 0.4194 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2478.726   | 21484417.46 | 0.8417 | A   | 2.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5006.364   | 43168927.13 | 1.7000 | A   | 0.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 10001.878  | 86149439.83 | 3.3962 | A   | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 15038.31    | 0.0007 | P   | 10.4 |

$$y = 3.3956\text{E-}004 * x + 7.3783\text{E-}006$$

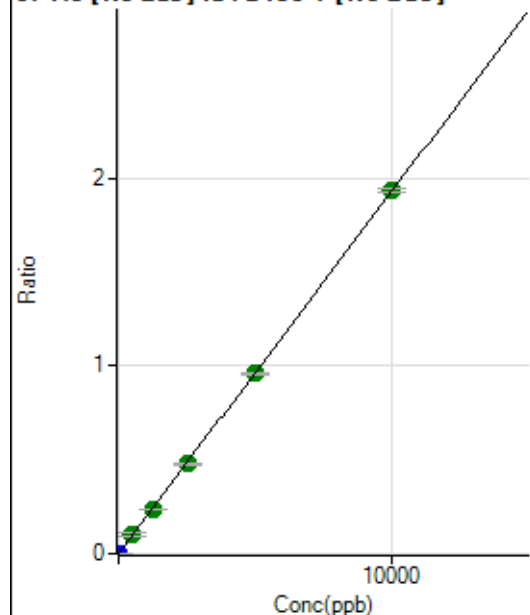
$$R = 1.0000$$

$$DL = 0.005376$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 80.00       | 0.0000 | P        | 21.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.932      | 25572.54    | 0.0010 | P        | 11.8 |
| 3 | <input type="checkbox"/> | 500.000   | 540.371    | 2534903.71  | 0.1043 | A        | 23.1 |
| 4 | <input type="checkbox"/> | 1250.000  | 1232.848   | 6085729.98  | 0.2379 | A        | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2471.036   | 12172380.79 | 0.4768 | A        | 2.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4968.288   | 24345899.36 | 0.9587 | A        | 0.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10023.222  | 49064591.49 | 1.9342 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 5007.64     | 0.0002 | P        | 18.6 |

$$y = 1.9297\text{E-}004 * x + 3.1233\text{E-}006$$

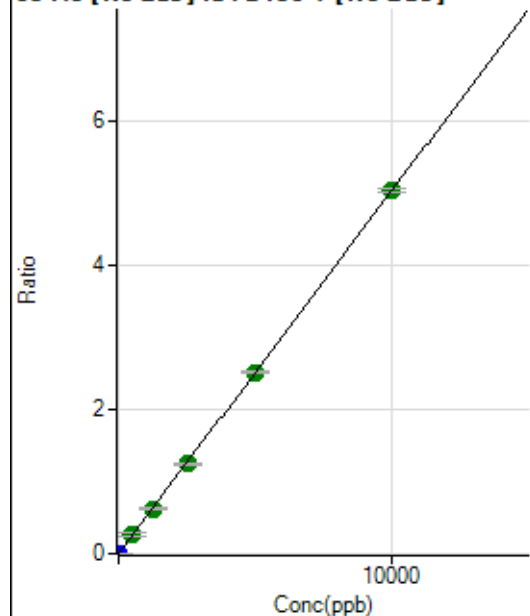
$$R = 1.0000$$

$$DL = 0.01055$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 224.45      | 0.0000 | P        | 27.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.828      | 65226.83    | 0.0024 | P        | 11.7 |
| 3 | <input type="checkbox"/> | 500.000   | 535.465    | 6547775.04  | 0.2691 | A        | 22.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1237.321   | 15908669.35 | 0.6219 | A        | 2.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2486.031   | 31897927.86 | 1.2495 | A        | 2.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4995.571   | 63761652.94 | 2.5109 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10005.518  | 127565231.4 | 5.0290 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 12679.42    | 0.0006 | P        | 21.1 |

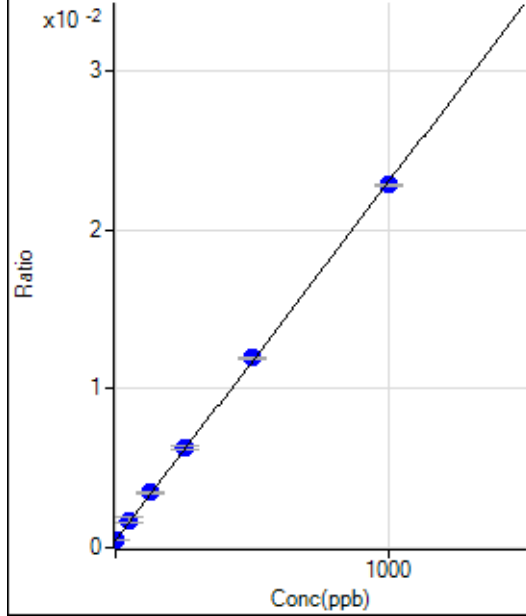
$$y = 5.0262\text{E-}004 * x + 8.7854\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01464$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8450.45   | 0.0005 | P   | 2.1  |
| 2 | <input type="checkbox"/> | 1.000    | 1.001      | 9393.32   | 0.0005 | P   | 1.0  |
| 3 | <input type="checkbox"/> | 50.000   | 56.819     | 31144.13  | 0.0017 | P   | 17.1 |
| 4 | <input type="checkbox"/> | 125.000  | 132.809    | 64058.73  | 0.0035 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 256.695    | 117276.19 | 0.0063 | P   | 3.6  |
| 6 | <input type="checkbox"/> | 500.000  | 509.462    | 224496.80 | 0.0120 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.278    | 430122.25 | 0.0229 | P   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 7213.06   | 0.0004 | P   | 3.7  |

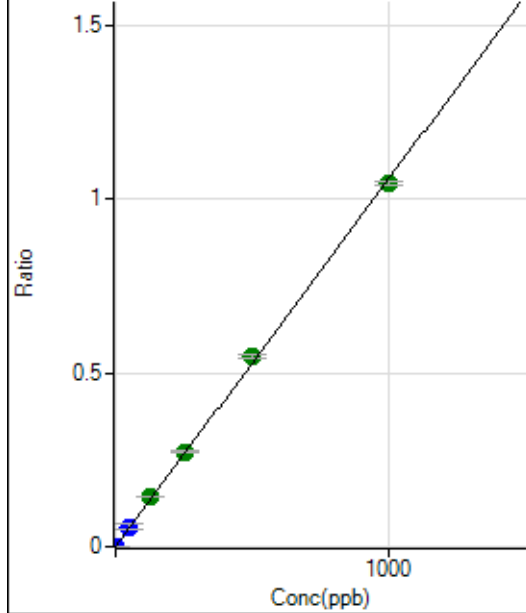
$$y = 2.2581\text{E-}005 * x + 4.5522\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.264$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 197.78      | 0.0000 | P   | 12.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.998      | 20782.39    | 0.0011 | P   | 11.5 |
| 3 | <input type="checkbox"/> | 50.000   | 54.857     | 1028057.04  | 0.0580 | P   | 24.2 |
| 4 | <input type="checkbox"/> | 125.000  | 135.185    | 2650706.42  | 0.1429 | A   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 258.902    | 5134967.66  | 0.2737 | A   | 3.8  |
| 6 | <input type="checkbox"/> | 500.000  | 517.780    | 10275473.46 | 0.5474 | A   | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.369    | 19638590.54 | 1.0438 | A   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 2375.79     | 0.0001 | P   | 15.9 |

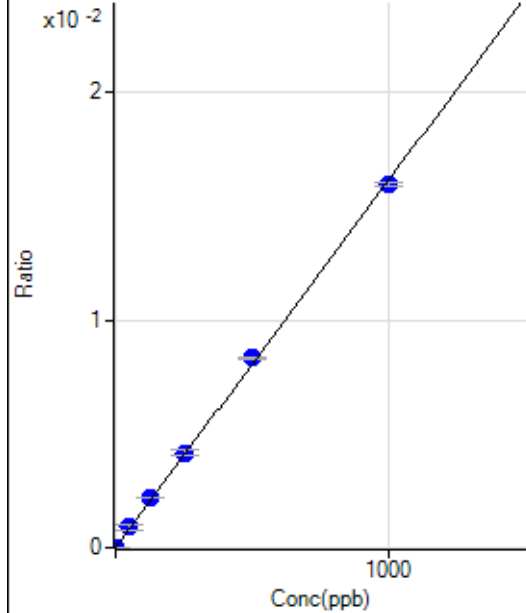
$$y = 0.0011 * x + 1.0655\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.00362$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.56     | 0.0000 | P   | 19.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.051      | 360.01    | 0.0000 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 50.000   | 56.960     | 16267.49  | 0.0009 | P   | 25.8 |
| 4 | <input type="checkbox"/> | 125.000  | 134.301    | 40176.17  | 0.0022 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 258.440    | 78154.29  | 0.0042 | P   | 4.8  |
| 6 | <input type="checkbox"/> | 500.000  | 516.560    | 156333.85 | 0.0083 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.099    | 299694.52 | 0.0159 | P   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 158.89    | 0.0000 | P   | 13.5 |

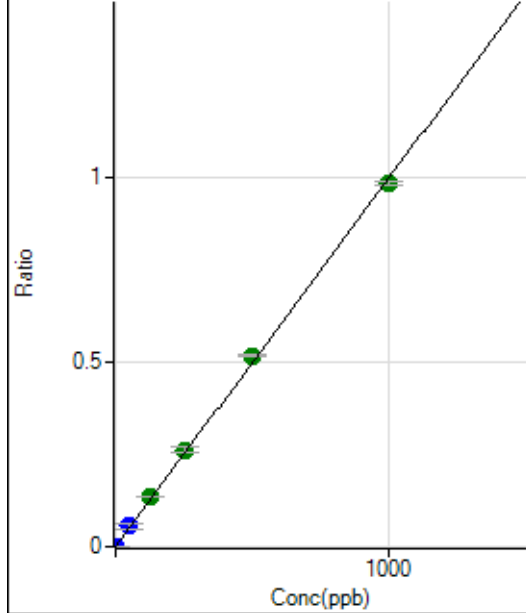
$$y = 1.6120\text{E-}005 * x + 1.3768\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.05108$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 73.33       | 0.0000 | P   | 29.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.989      | 19242.42    | 0.0010 | P   | 13.2 |
| 3 | <input type="checkbox"/> | 50.000   | 55.571     | 979992.87   | 0.0553 | P   | 24.3 |
| 4 | <input type="checkbox"/> | 125.000  | 136.178    | 2512876.39  | 0.1355 | A   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 263.286    | 4912844.65  | 0.2620 | A   | 4.6  |
| 6 | <input type="checkbox"/> | 500.000  | 518.343    | 9681019.72  | 0.5157 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 985.831    | 18453884.03 | 0.9809 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 2240.21     | 0.0001 | P   | 21.2 |

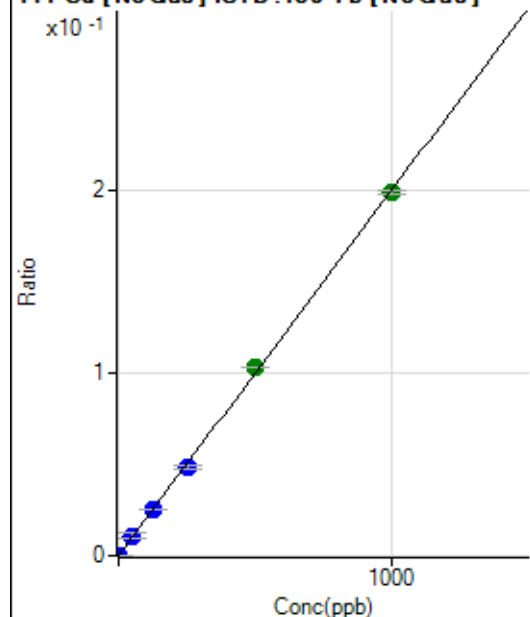
$$y = 9.9494\text{E-}004 * x + 3.9517\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.003569$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1694.42    | 0.0001 | P   | 1.7  |
| 2 | <input type="checkbox"/> | 1.000    | 1.055      | 5912.93    | 0.0003 | P   | 7.5  |
| 3 | <input type="checkbox"/> | 50.000   | 54.265     | 194068.38  | 0.0109 | P   | 23.4 |
| 4 | <input type="checkbox"/> | 125.000  | 125.137    | 465535.10  | 0.0251 | P   | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 243.081    | 913220.63  | 0.0487 | P   | 3.4  |
| 6 | <input type="checkbox"/> | 500.000  | 516.229    | 1938599.11 | 0.1033 | A   | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.385    | 3737296.67 | 0.1986 | A   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 2178.09    | 0.0001 | P   | 2.1  |

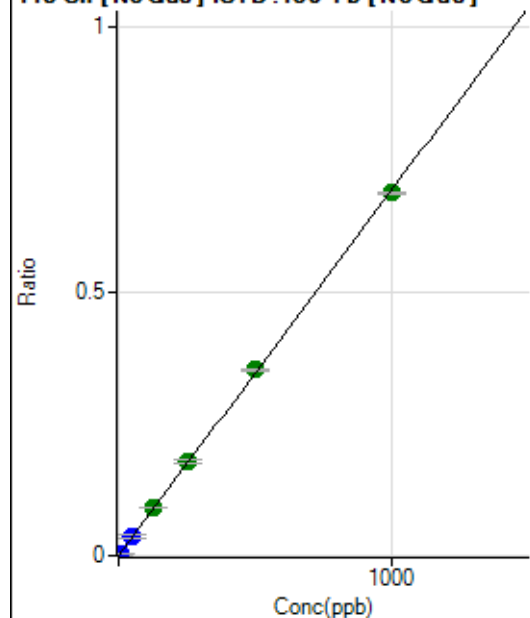
$$y = 1.9988\text{E-}004 * x + 9.1279\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02298$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1621.65     | 0.0001 | P   | 23.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.999      | 69142.12    | 0.0035 | P   | 12.0 |
| 3 | <input type="checkbox"/> | 50.000   | 53.480     | 657080.60   | 0.0371 | P   | 24.5 |
| 4 | <input type="checkbox"/> | 125.000  | 130.456    | 1675489.30  | 0.0903 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 257.292    | 3340871.69  | 0.1781 | A   | 3.7  |
| 6 | <input type="checkbox"/> | 500.000  | 508.626    | 6607223.16  | 0.3520 | A   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.008    | 12927309.81 | 0.6871 | A   | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 3309.33     | 0.0002 | P   | 11.7 |

$$y = 6.9186\text{E-}004 * x + 8.7363\text{E-}005$$

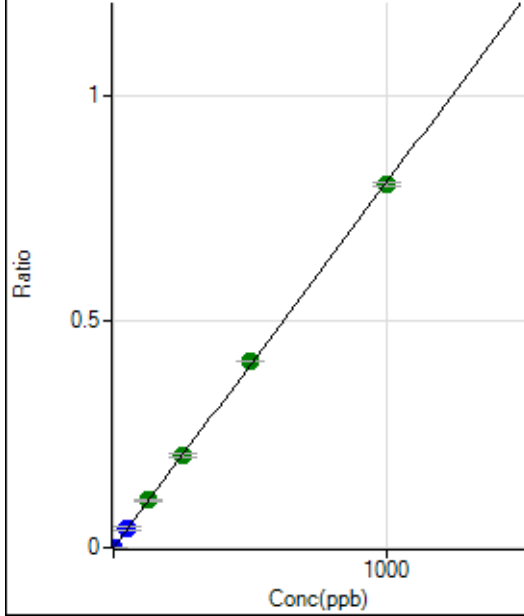
$$R = 0.9999$$

$$DL = 0.08963$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 65.56       | 0.0000 | P   | 17.8 |
| 2 | <input type="checkbox"/> | 2.000    | 1.972      | 31147.70    | 0.0016 | P   | 10.8 |
| 3 | <input type="checkbox"/> | 50.000   | 52.670     | 754826.06   | 0.0425 | P   | 23.5 |
| 4 | <input type="checkbox"/> | 125.000  | 129.574    | 1940782.70  | 0.1047 | A   | 3.2  |
| 5 | <input type="checkbox"/> | 250.000  | 253.909    | 3845968.90  | 0.2051 | A   | 4.7  |
| 6 | <input type="checkbox"/> | 500.000  | 509.992    | 7732098.84  | 0.4119 | A   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.322    | 15094131.58 | 0.8023 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 8715.10     | 0.0005 | P   | 5.2  |

$$y = 8.0767E-004 * x + 3.5315E-006$$

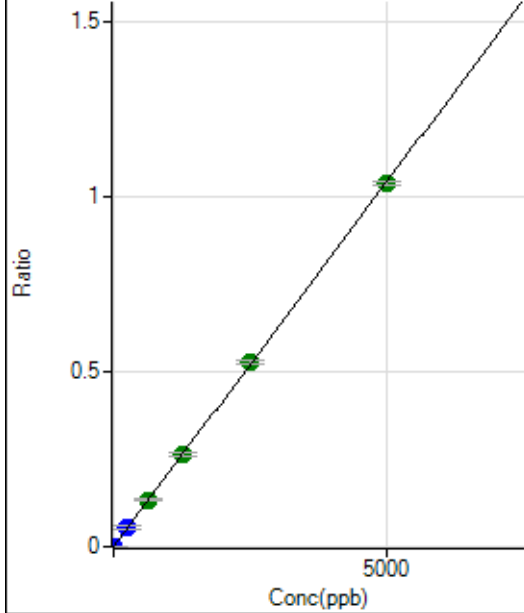
$$R = 0.9999$$

$$DL = 0.002341$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 303.34      | 0.0000 | P   | 14.3 |
| 2 | <input type="checkbox"/> | 10.000   | 10.010     | 40939.45    | 0.0021 | P   | 12.1 |
| 3 | <input type="checkbox"/> | 250.000  | 261.176    | 963069.36   | 0.0544 | P   | 24.7 |
| 4 | <input type="checkbox"/> | 625.000  | 646.050    | 2493844.82  | 0.1345 | A   | 2.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1264.813   | 4936759.41  | 0.2633 | A   | 5.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2533.089   | 9896985.06  | 0.5272 | A   | 1.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4976.562   | 19487599.71 | 1.0358 | A   | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 6980.76     | 0.0004 | P   | 8.4  |

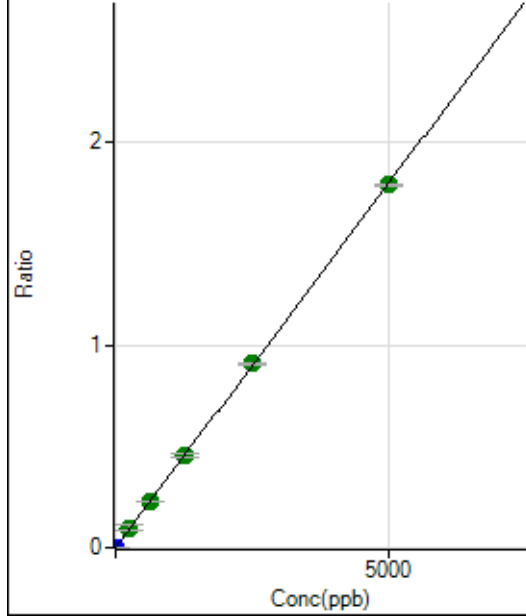
$$y = 2.0813E-004 * x + 1.6339E-005$$

$$R = 1.0000$$

$$DL = 0.03365$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 477.79      | 0.0000 | P        | 7.2  |
| 2 | <input type="checkbox"/> | 10.000   | 9.870      | 69751.65    | 0.0036 | P        | 11.1 |
| 3 | <input type="checkbox"/> | 250.000  | 275.897    | 1758655.36  | 0.0992 | A        | 24.3 |
| 4 | <input type="checkbox"/> | 625.000  | 636.748    | 4246780.21  | 0.2290 | A        | 1.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1258.340   | 8487615.85  | 0.4525 | A        | 4.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2527.743   | 17062861.00 | 0.9090 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4981.281   | 33700608.39 | 1.7913 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 12557.06    | 0.0008 | P        | 7.8  |

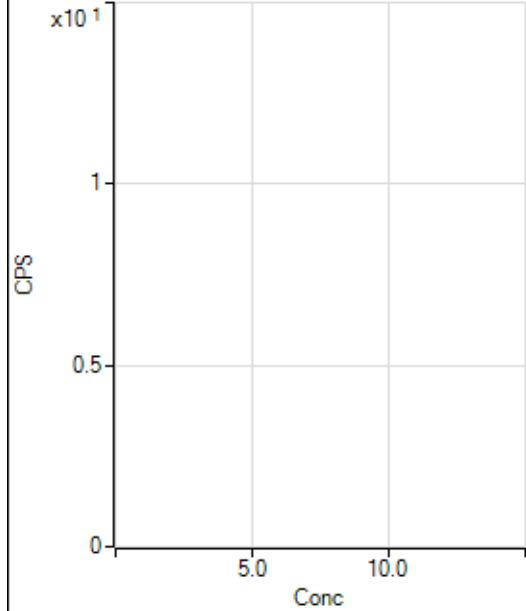
$$y = 3.5960E-004 * x + 2.5740E-005$$

$$R = 1.0000$$

$$DL = 0.0155$$

Weight: &lt;None&gt;

Min Conc: 0

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

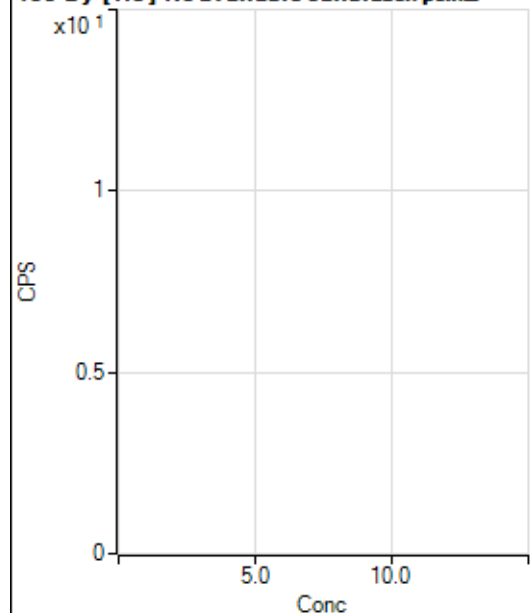
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78   |       | P        | 21.7 |
| 2 | <input type="checkbox"/> |       |            | 25.55   |       | P        | 52.7 |
| 3 | <input type="checkbox"/> |       |            | 87.78   |       | P        | 8.8  |
| 4 | <input type="checkbox"/> |       |            | 216.67  |       | P        | 17.7 |
| 5 | <input type="checkbox"/> |       |            | 472.23  |       | P        | 12.6 |
| 6 | <input type="checkbox"/> |       |            | 820.04  |       | P        | 9.1  |
| 7 | <input type="checkbox"/> |       |            | 1569.00 |       | P        | 6.3  |
| 8 | <input type="checkbox"/> |       |            | 341.12  |       | P        | 5.6  |

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

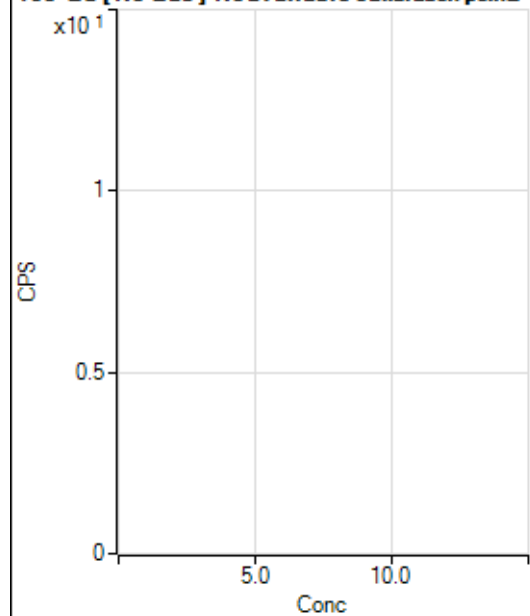
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 52.9 |
| 6 | <input type="checkbox"/> |       |            | 36.67 |       | P        | NaN  |
| 7 | <input type="checkbox"/> |       |            | 60.00 |       | P        | 11.1 |
| 8 | <input type="checkbox"/> |       |            | 60.00 |       | P        | 29.4 |

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

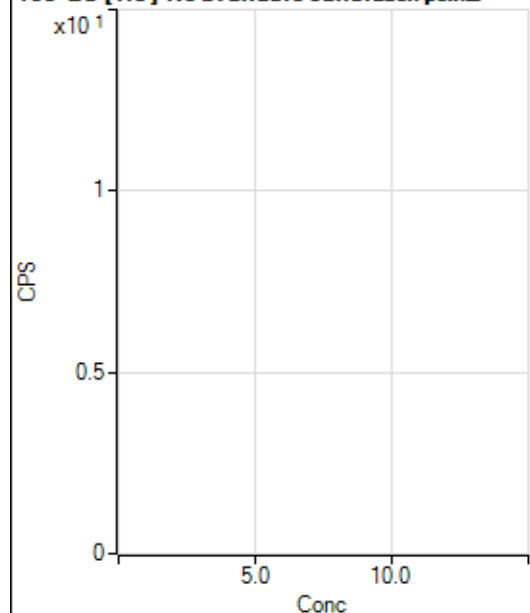
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 54.45  |       | P        | 46.8 |
| 2 | <input type="checkbox"/> |       |            | 51.11  |       | P        | 15.1 |
| 3 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 13.1 |
| 4 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 11.3 |
| 5 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 15.0 |
| 6 | <input type="checkbox"/> |       |            | 215.56 |       | P        | 11.4 |
| 7 | <input type="checkbox"/> |       |            | 382.23 |       | P        | 15.4 |
| 8 | <input type="checkbox"/> |       |            | 550.02 |       | P        | 6.7  |

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

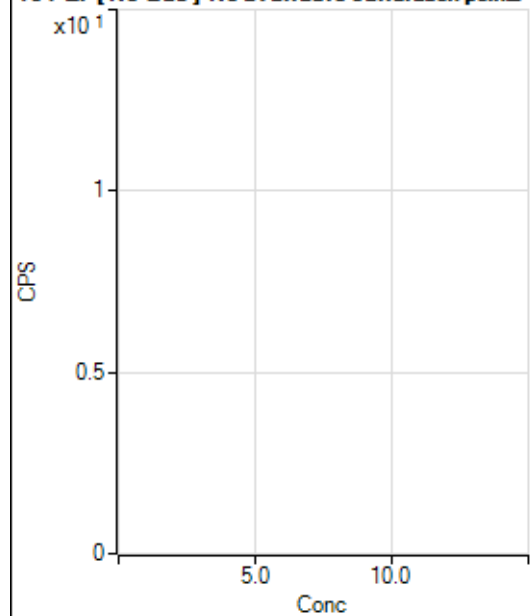
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 15.56  |       | P        | 75.3 |
| 6 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 33.1 |
| 7 | <input type="checkbox"/> |       |            | 53.34  |       | P        | 28.6 |
| 8 | <input type="checkbox"/> |       |            | 177.78 |       | P        | 8.7  |

**160 Gd [No Gas] Noavailable calibration poin\_**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 3.7  |
| 2 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 4.1  |
| 3 | <input type="checkbox"/> |       |            | 87.78  |       | P        | 5.8  |
| 4 | <input type="checkbox"/> |       |            | 85.56  |       | P        | 29.2 |
| 5 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 15.2 |
| 6 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 10.1 |
| 7 | <input type="checkbox"/> |       |            | 248.89 |       | P        | 7.4  |
| 8 | <input type="checkbox"/> |       |            | 531.13 |       | P        | 5.1  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 39.0 |
| 2 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 66.7 |
| 3 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 47.2 |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 48.5 |
| 5 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 26.0 |
| 6 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 16.5 |
| 7 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 43.7 |
| 8 | <input type="checkbox"/> |       |            | 188.89 |       | P        | 22.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 20.6 |
| 2 | <input type="checkbox"/> |       |            | 103.33 |       | P        | 9.7  |
| 3 | <input type="checkbox"/> |       |            | 97.78  |       | P        | 11.0 |
| 4 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 6.2  |
| 5 | <input type="checkbox"/> |       |            | 146.67 |       | P        | 12.7 |
| 6 | <input type="checkbox"/> |       |            | 181.11 |       | P        | 10.5 |
| 7 | <input type="checkbox"/> |       |            | 305.56 |       | P        | 20.9 |
| 8 | <input type="checkbox"/> |       |            | 587.80 |       | P        | 10.4 |

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

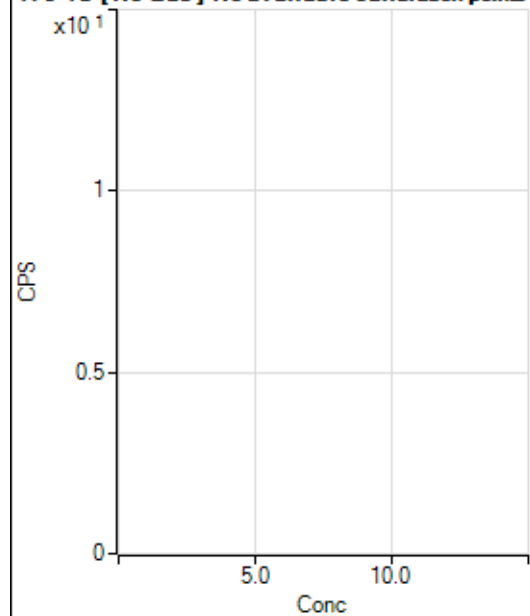
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 20.4 |
| 2 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 43.3 |
| 3 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 5.1  |
| 4 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 24.8 |
| 5 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 12.0 |
| 6 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 22.5 |
| 7 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 13.2 |
| 8 | <input type="checkbox"/> |       |            | 198.89 |       | P        | 13.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 19.6 |
| 2 | <input type="checkbox"/> |       |            | 113.34 |       | P        | 10.2 |
| 3 | <input type="checkbox"/> |       |            | 110.00 |       | P        | 21.0 |
| 4 | <input type="checkbox"/> |       |            | 113.33 |       | P        | 24.1 |
| 5 | <input type="checkbox"/> |       |            | 156.67 |       | P        | 25.8 |
| 6 | <input type="checkbox"/> |       |            | 193.34 |       | P        | 1.7  |
| 7 | <input type="checkbox"/> |       |            | 264.45 |       | P        | 16.0 |
| 8 | <input type="checkbox"/> |       |            | 733.36 |       | P        | 13.6 |

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

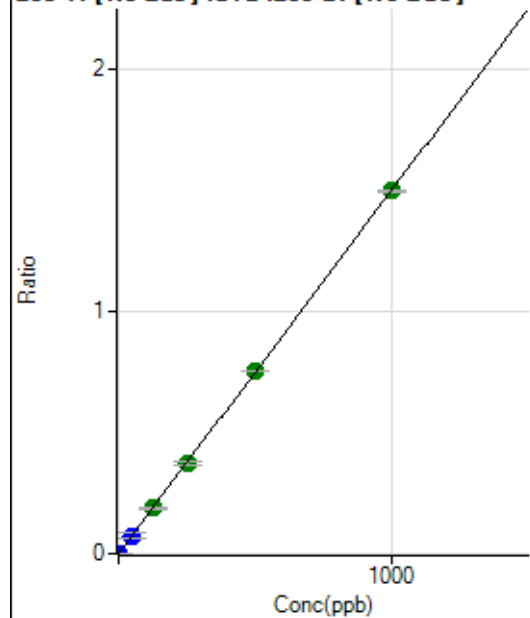
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 50.4 |
| 2 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 40.6 |
| 3 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 10.2 |
| 4 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 20.0 |
| 5 | <input type="checkbox"/> |       |            | 57.78  |       | P        | 24.0 |
| 6 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 9.8  |
| 7 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 11.5 |
| 8 | <input type="checkbox"/> |       |            | 272.23 |       | P        | 16.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 2609.18  |       | P        | 3.1 |
| 2 | <input type="checkbox"/> |       |            | 2823.67  |       | P        | 7.3 |
| 3 | <input type="checkbox"/> |       |            | 6109.24  |       | P        | 8.9 |
| 4 | <input type="checkbox"/> |       |            | 11246.00 |       | P        | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 19780.43 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> |       |            | 37654.63 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 72126.58 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> |       |            | 2573.61  |       | P        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 448.90   |       | P        | 7.0 |
| 2 | <input type="checkbox"/> |       |            | 376.68   |       | P        | 9.0 |
| 3 | <input type="checkbox"/> |       |            | 1573.44  |       | P        | 4.8 |
| 4 | <input type="checkbox"/> |       |            | 3407.14  |       | P        | 2.6 |
| 5 | <input type="checkbox"/> |       |            | 6227.08  |       | P        | 0.9 |
| 6 | <input type="checkbox"/> |       |            | 12201.27 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> |       |            | 23659.02 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> |       |            | 491.13   |       | P        | 3.1 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 215.56      | 0.0000 | P        | 13.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.912      | 16567.33    | 0.0014 | P        | 12.4 |
| 3 | <input type="checkbox"/> | 50.000   | 49.996     | 806195.19   | 0.0748 | P        | 22.8 |
| 4 | <input type="checkbox"/> | 125.000  | 124.611    | 2086149.92  | 0.1865 | A        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 248.976    | 4159210.95  | 0.3726 | A        | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 502.629    | 8163748.56  | 0.7522 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.990    | 15900301.15 | 1.4950 | A        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 1649.02     | 0.0002 | P        | 24.5 |

$$y = 0.0015 * x + 1.8837E-005$$

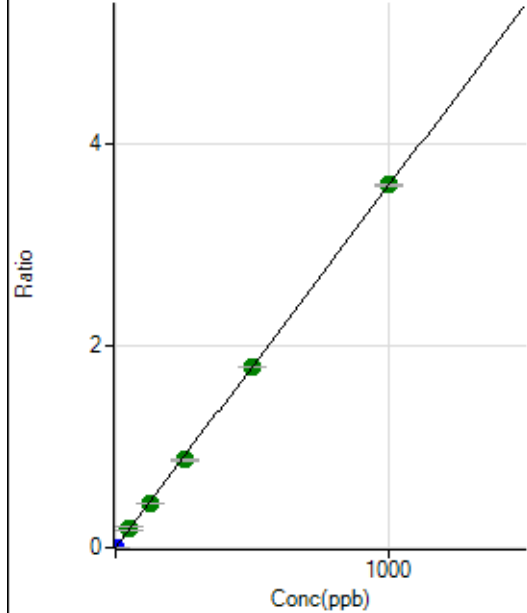
$$R = 1.0000$$

$$DL = 0.005209$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 558.91      | 0.0000 | P        | 5.7  |
| 2 | <input type="checkbox"/> | 1.000    | 0.912      | 39798.70    | 0.0033 | P        | 11.6 |
| 3 | <input type="checkbox"/> | 50.000   | 52.859     | 2046031.91  | 0.1899 | A        | 22.6 |
| 4 | <input type="checkbox"/> | 125.000  | 123.174    | 4948944.23  | 0.4424 | A        | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 242.345    | 9716669.09  | 0.8704 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 498.758    | 19441106.65 | 1.7912 | A        | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.620   | 38297558.04 | 3.6007 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 3905.11     | 0.0004 | P        | 25.0 |

$$y = 0.0036 * x + 4.8903E-005$$

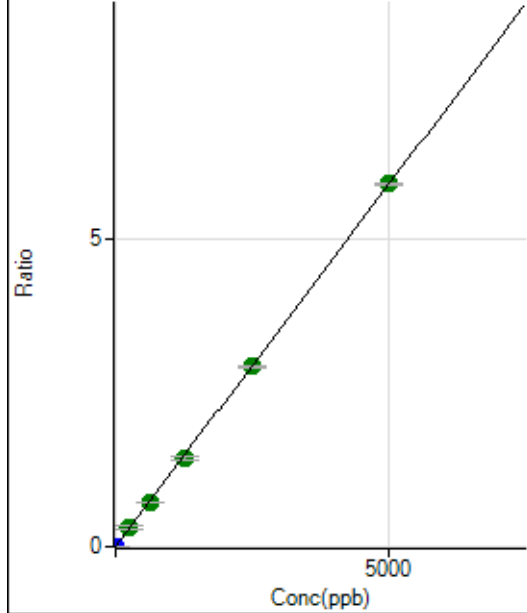
$$R = 1.0000$$

$$DL = 0.00232$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1062.28     | 0.0001 | P        | 4.1  |
| 2 | <input type="checkbox"/> | 1.000    | 0.935      | 14256.80    | 0.0012 | P        | 13.9 |
| 3 | <input type="checkbox"/> | 250.000  | 267.997    | 3397509.98  | 0.3152 | A        | 22.5 |
| 4 | <input type="checkbox"/> | 625.000  | 613.579    | 8071761.55  | 0.7216 | A        | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1220.870   | 16027709.62 | 1.4357 | A        | 2.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2487.584   | 31749724.25 | 2.9252 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.018   | 62711051.29 | 5.8961 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 16784.29    | 0.0019 | P        | 4.9  |

$$y = 0.0012 * x + 9.2885E-005$$

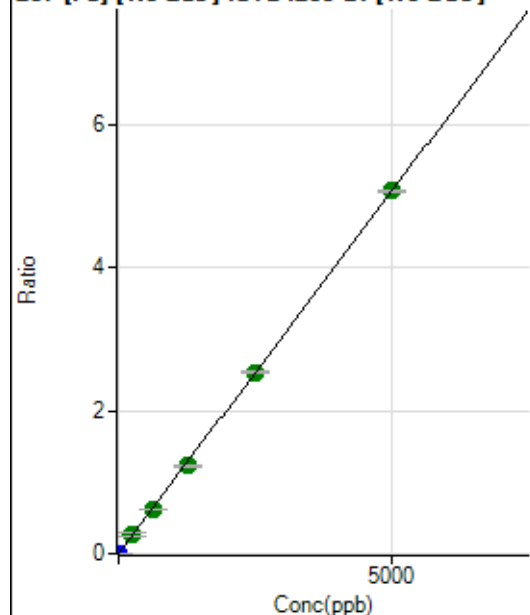
$$R = 1.0000$$

$$DL = 0.009674$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 908.93      | 0.0001 | P    | 5.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.935      | 12292.58    | 0.0010 | P    | 13.5 |
| 3 | <input type="checkbox"/> | 250.000  | 265.365    | 2896707.46  | 0.2691 | A    | 23.5 |
| 4 | <input type="checkbox"/> | 625.000  | 616.552    | 6993251.15  | 0.6252 | A    | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1213.709   | 13738785.35 | 1.2306 | A    | 2.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2501.313   | 27525907.37 | 2.5360 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.704   | 54011532.53 | 5.0781 | A    | 0.2  |
| 8 | <input type="checkbox"/> |          |            | 14135.65    | 0.0016 | P    | 6.6  |

$$y = 0.0010 * x + 7.9526E-005$$

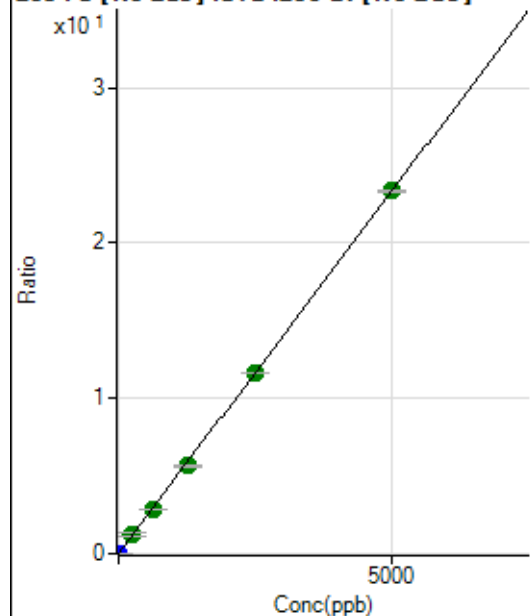
$$R = 1.0000$$

$$DL = 0.0127$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4286.99     | 0.0004  | P    | 1.5  |
| 2 | <input type="checkbox"/> | 1.000    | 0.937      | 56702.25    | 0.0047  | P    | 13.0 |
| 3 | <input type="checkbox"/> | 250.000  | 265.710    | 13336986.44 | 1.2385  | A    | 23.1 |
| 4 | <input type="checkbox"/> | 625.000  | 615.785    | 32103082.99 | 2.8698  | A    | 0.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1218.612   | 63396317.25 | 5.6789  | A    | 2.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2498.850   | 126387681.1 | 11.6446 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.789   | 248255109.6 | 23.3404 | A    | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 65575.33    | 0.0075  | P    | 6.2  |

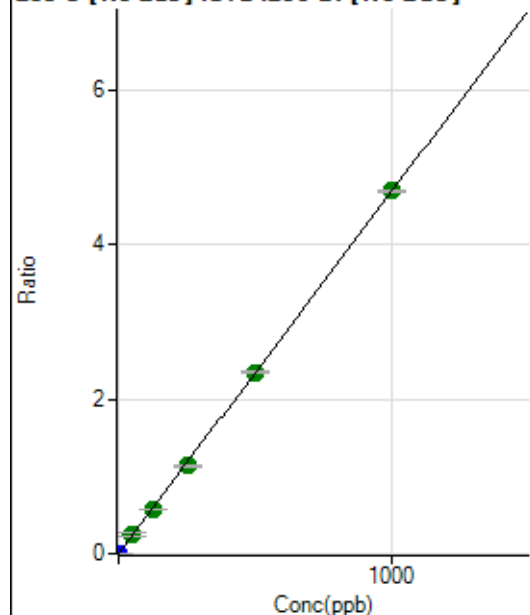
$$y = 0.0047 * x + 3.7501E-004$$

$$R = 1.0000$$

$$DL = 0.003518$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67       | 0.0000 | P        | 25.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.919      | 51660.18    | 0.0043 | P        | 11.0 |
| 3 | <input type="checkbox"/> | 50.000   | 52.745     | 2659492.56  | 0.2472 | A        | 23.8 |
| 4 | <input type="checkbox"/> | 125.000  | 121.930    | 6393753.58  | 0.5715 | A        | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 242.107    | 12668346.20 | 1.1349 | A        | 2.8  |
| 6 | <input type="checkbox"/> | 500.000  | 500.429    | 25460291.84 | 2.3457 | A        | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.006   | 49955837.03 | 4.6968 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 2402.50     | 0.0003 | P        | 38.8 |

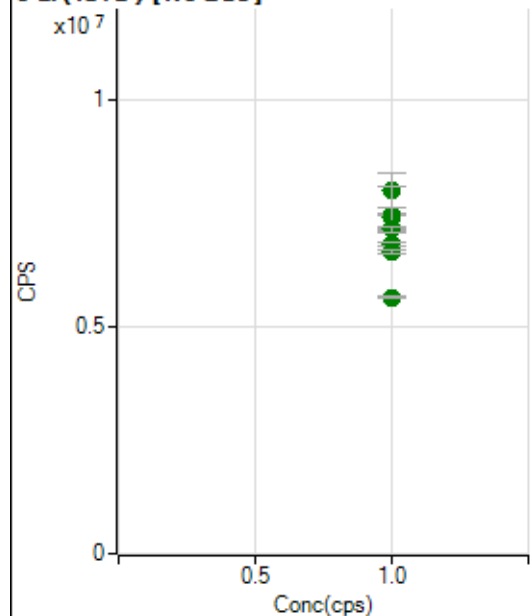
$$y = 0.0047 * x + 5.8405E-006$$

$$R = 1.0000$$

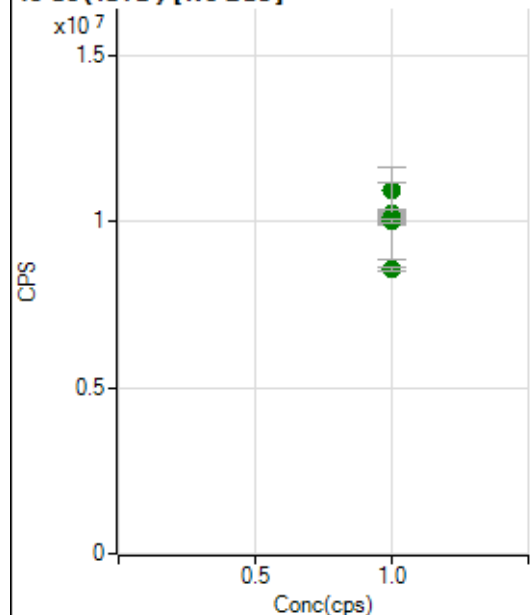
$$DL = 0.0009635$$

Weight: &lt;None&gt;

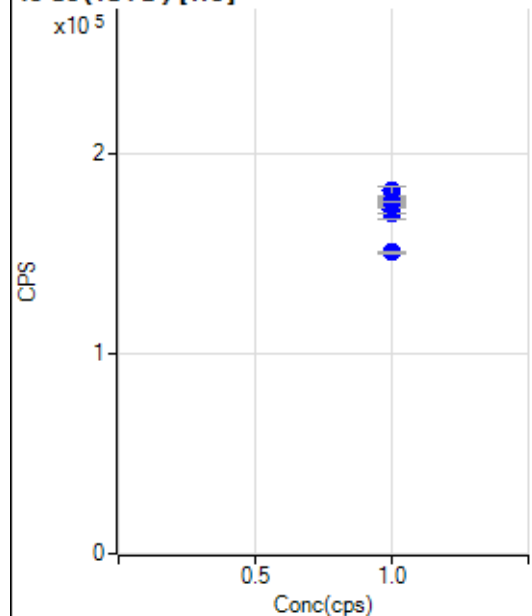
Min Conc: 0

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

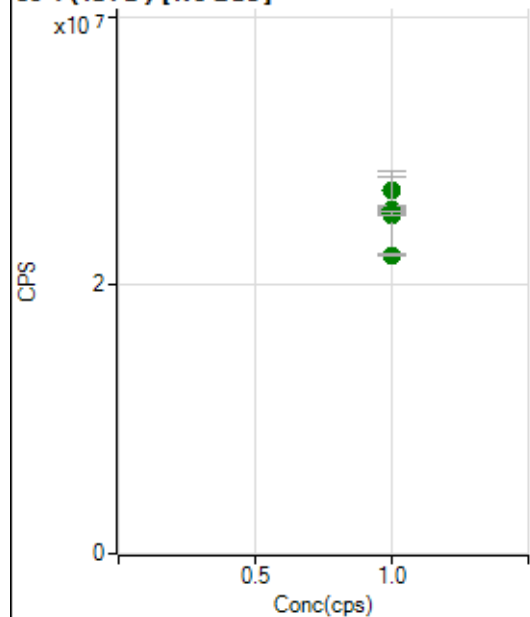
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 7459732.39 |       | A        | 0.9  |
| 2 | <input type="checkbox"/> | 1.000 |            | 7983787.46 |       | A        | 9.5  |
| 3 | <input type="checkbox"/> | 1.000 |            | 7386590.49 |       | A        | 18.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7133979.04 |       | A        | 0.9  |
| 5 | <input type="checkbox"/> | 1.000 |            | 7139633.91 |       | A        | 2.1  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6812729.57 |       | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 6635621.65 |       | A        | 1.3  |
| 8 | <input type="checkbox"/> | 1.000 |            | 5638948.47 |       | A        | 0.4  |

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

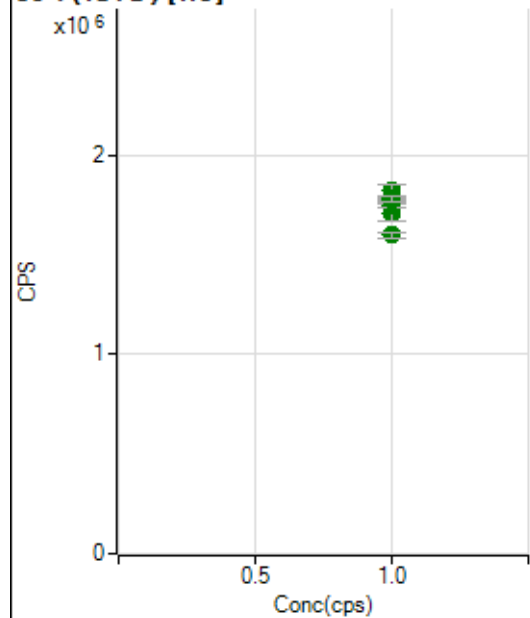
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 10215678.80 |       | A        | 0.9  |
| 2 | <input type="checkbox"/> | 1.000 |            | 10906780.81 |       | A        | 12.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9986571.66  |       | A        | 22.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10066808.04 |       | A        | 1.2  |
| 5 | <input type="checkbox"/> | 1.000 |            | 10109309.71 |       | A        | 4.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 9995291.87  |       | A        | 0.7  |
| 7 | <input type="checkbox"/> | 1.000 |            | 9989874.44  |       | A        | 1.0  |
| 8 | <input type="checkbox"/> | 1.000 |            | 8576069.11  |       | A        | 1.5  |

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

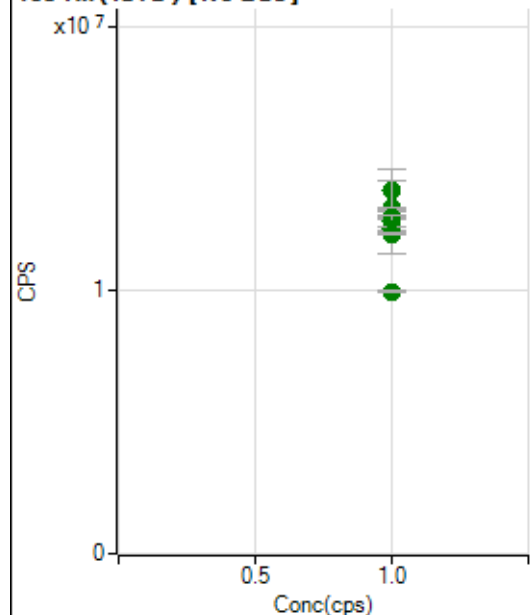
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 177177.94 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 170154.72 |       | P        | 3.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 181391.97 |       | P        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 174445.88 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 172557.11 |       | P        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 173584.66 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 176143.78 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 150625.04 |       | P        | 0.4 |

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

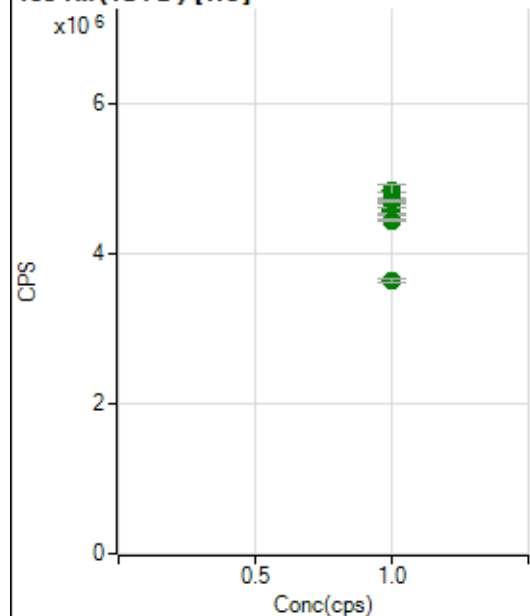
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 25607494.06 |       | A        | 1.3  |
| 2 | <input type="checkbox"/> | 1.000 |            | 27007205.71 |       | A        | 10.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 25184454.49 |       | A        | 22.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 25586738.23 |       | A        | 1.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 25536009.90 |       | A        | 2.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 25394231.01 |       | A        | 0.5  |
| 7 | <input type="checkbox"/> | 1.000 |            | 25367367.68 |       | A        | 0.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 22255904.67 |       | A        | 1.0  |

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

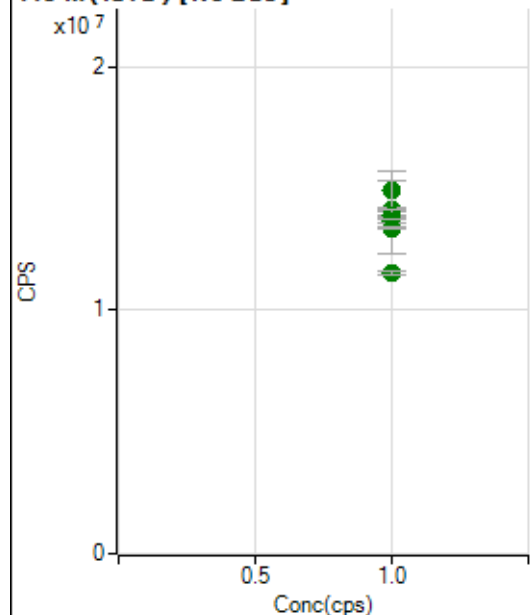
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1793651.76 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1714019.75 |       | A        | 4.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1822027.44 |       | A        | 3.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1786273.90 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1774498.18 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1749402.35 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1780635.84 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1601540.60 |       | A        | 1.7 |

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

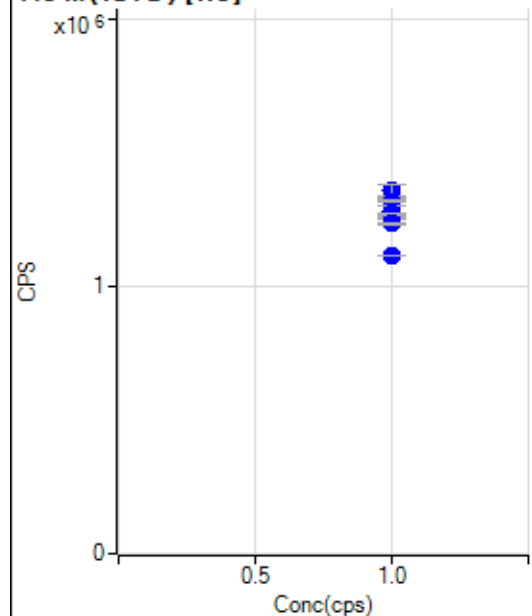
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 13112927.72 |       | A        | 0.8  |
| 2 | <input type="checkbox"/> | 1.000 |            | 13778951.32 |       | A        | 11.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 12763104.67 |       | A        | 21.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12770838.28 |       | A        | 0.6  |
| 5 | <input type="checkbox"/> | 1.000 |            | 12627750.65 |       | A        | 3.2  |
| 6 | <input type="checkbox"/> | 1.000 |            | 12307176.35 |       | A        | 1.2  |
| 7 | <input type="checkbox"/> | 1.000 |            | 12159744.12 |       | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 9958344.92  |       | A        | 0.4  |

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

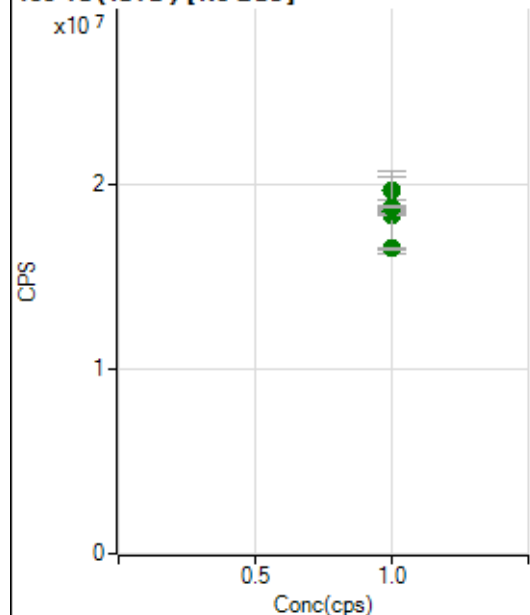
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4815406.70 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4589171.32 |       | A        | 3.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4839513.92 |       | A        | 3.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4702677.01 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4562998.72 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4519323.44 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4446710.18 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3640904.29 |       | A        | 1.4 |

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

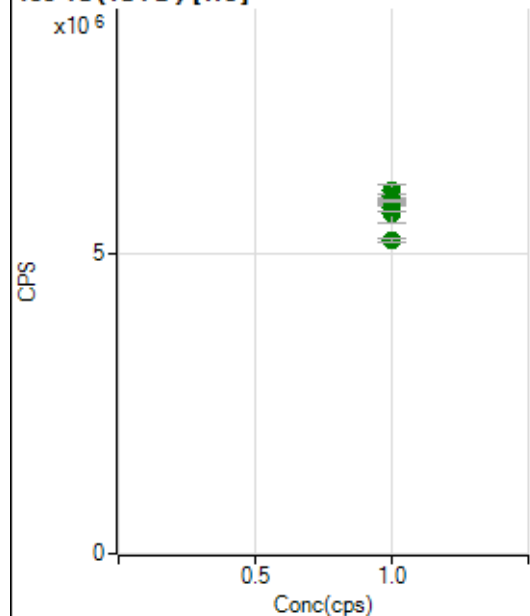
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 14133708.54 |       | A        | 1.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 14886761.58 |       | A        | 11.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 13814483.15 |       | A        | 22.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13844106.07 |       | A        | 0.6  |
| 5 | <input type="checkbox"/> | 1.000 |            | 13906681.82 |       | A        | 3.1  |
| 6 | <input type="checkbox"/> | 1.000 |            | 13649216.15 |       | A        | 0.6  |
| 7 | <input type="checkbox"/> | 1.000 |            | 13372914.04 |       | A        | 0.1  |
| 8 | <input type="checkbox"/> | 1.000 |            | 11520172.17 |       | A        | 1.6  |

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

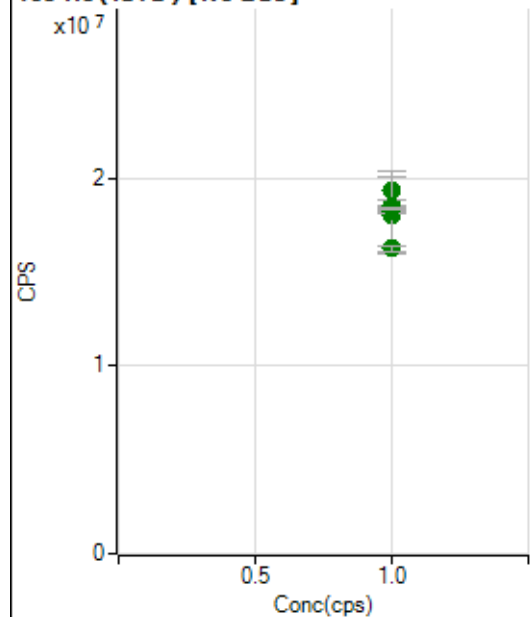
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1329786.87 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1278726.84 |       | P        | 4.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1355989.41 |       | P        | 3.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1317956.90 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1277018.56 |       | P        | 3.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1270093.19 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1233218.46 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1114535.32 |       | P        | 0.3 |

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

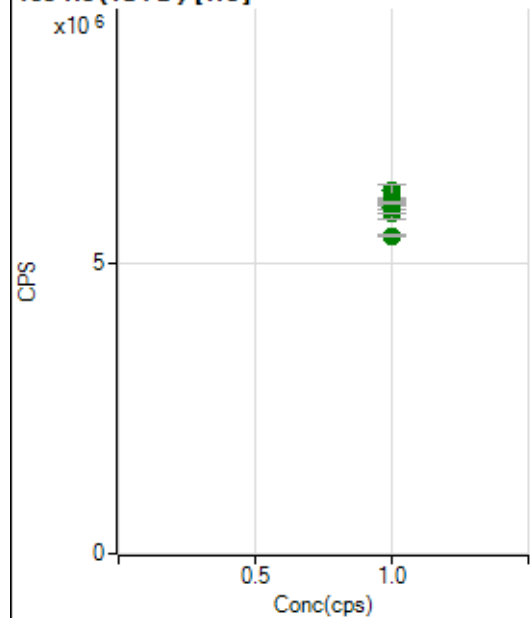
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 18562840.97 |       | A        | 0.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 19671785.96 |       | A        | 11.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 18389041.25 |       | A        | 22.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 18547023.34 |       | A        | 1.0  |
| 5 | <input type="checkbox"/> | 1.000 |            | 18777118.19 |       | A        | 4.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 18771333.89 |       | A        | 0.2  |
| 7 | <input type="checkbox"/> | 1.000 |            | 18814011.80 |       | A        | 0.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 16528051.70 |       | A        | 0.8  |

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

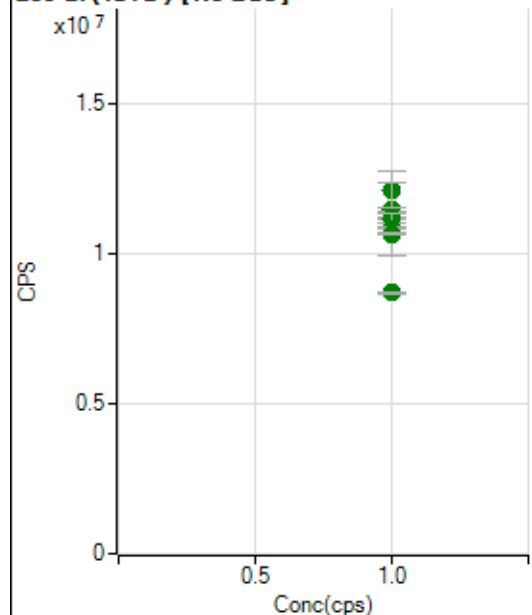
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5831717.55 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5654195.54 |       | A        | 5.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6033230.33 |       | A        | 3.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5932109.08 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5767622.41 |       | A        | 2.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5846425.96 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5876438.73 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5208407.49 |       | A        | 1.4 |

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

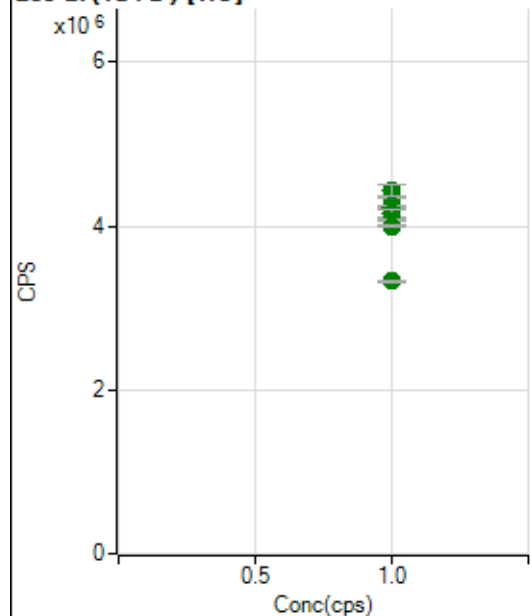
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 18381769.86 |       | A        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 19321880.55 |       | A        | 11.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 18025467.51 |       | A        | 22.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 18229490.42 |       | A        | 1.1  |
| 5 | <input type="checkbox"/> | 1.000 |            | 18520005.00 |       | A        | 3.9  |
| 6 | <input type="checkbox"/> | 1.000 |            | 18427440.00 |       | A        | 0.6  |
| 7 | <input type="checkbox"/> | 1.000 |            | 18419065.14 |       | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 16248267.54 |       | A        | 1.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6065873.11 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5834054.50 |       | A        | 2.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6232456.16 |       | A        | 3.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6060756.51 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5953029.98 |       | A        | 3.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6016991.09 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6029564.01 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5462861.24 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 11433062.74 |       | A        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 12082973.43 |       | A        | 11.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11135984.62 |       | A        | 21.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11186618.30 |       | A        | 0.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 11168754.83 |       | A        | 2.8  |
| 6 | <input type="checkbox"/> | 1.000 |            | 10853558.45 |       | A        | 0.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 10636157.55 |       | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 8688354.59  |       | A        | 1.2  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4354462.26 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4166908.44 |       | A        | 3.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4429983.23 |       | A        | 3.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4233329.28 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4146277.23 |       | A        | 3.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4071084.87 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3997771.61 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3331441.27 |       | A        | 0.8 |