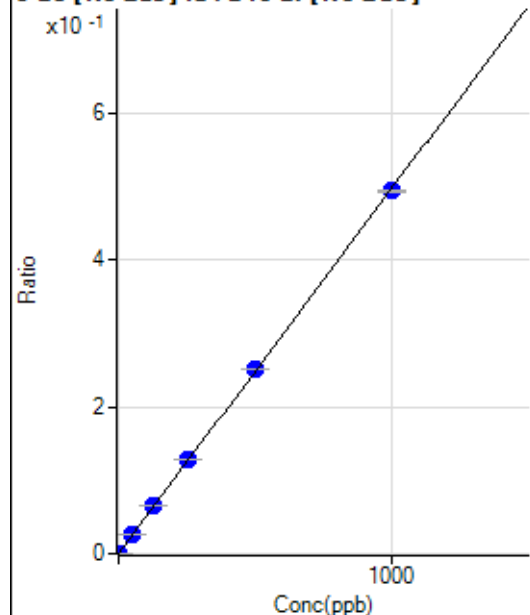


Batch Folder: D:\ICP-MS Data\P7053118 MS .bb\  
Analysis File: P7053118 MS .batch.bin  
DA Date-Time: 2018-06-01 10:49:01  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-05-31 19:48:05 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-05-31 19:56:14 |
| 4     | 006CALS.d          | S03         | 2018-05-31 20:00:07 |
| 5     | 007CALS.d          | S04         | 2018-05-31 20:04:14 |
| 6     | 008CALS.d          | S05         | 2018-05-31 20:08:03 |
| 7     | 009CALS.d          | S06         | 2018-05-31 20:11:50 |
| 8     | 010CALS.d          | S07         | 2018-05-31 20:15:34 |
| 9     | 011CALS.d          | S08         | 2018-05-31 20:19:17 |

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 107.41     | 0.0000 | P    | 18.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.090      | 1879.80    | 0.0006 | P    | 6.8  |
| 4 | <input type="checkbox"/> | 50.000   | 52.574     | 86046.25   | 0.0261 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.725    | 212287.29  | 0.0654 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 258.443    | 400623.05  | 0.1283 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.367    | 752077.65  | 0.2509 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.236    | 1429031.36 | 0.4936 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 716.70     | 0.0002 | P    | 9.2  |

$$y = 4.9639\text{E-}004 * x + 3.2815\text{E-}005$$

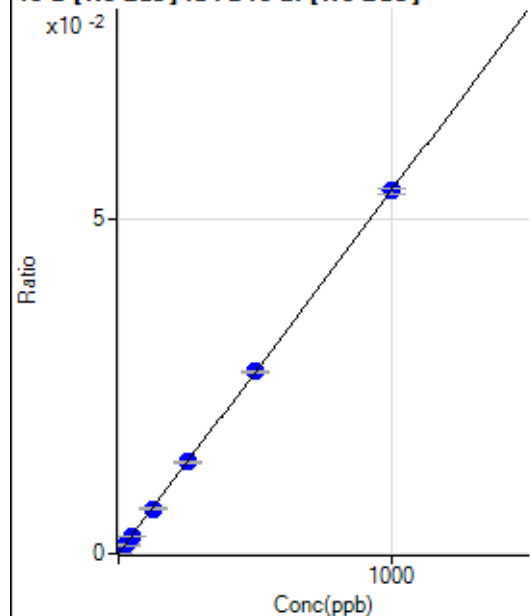
$$R = 0.9999$$

$$DL = 0.03586$$

$$BEC = 0.06611$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45     | 0.0000 | P    | 62.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.326     | 4242.45   | 0.0013 | P    | 8.2  |
| 4 | <input type="checkbox"/> | 50.000   | 48.538     | 8769.57   | 0.0027 | P    | 4.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.849    | 21908.34  | 0.0068 | P    | 3.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.920    | 42775.19  | 0.0137 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.418    | 81500.28  | 0.0272 | P    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.570    | 157160.38 | 0.0543 | P    | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 6938.01   | 0.0024 | P    | 10.4 |

$$y = 5.4275\text{E-}005 * x + 2.8834\text{E-}005$$

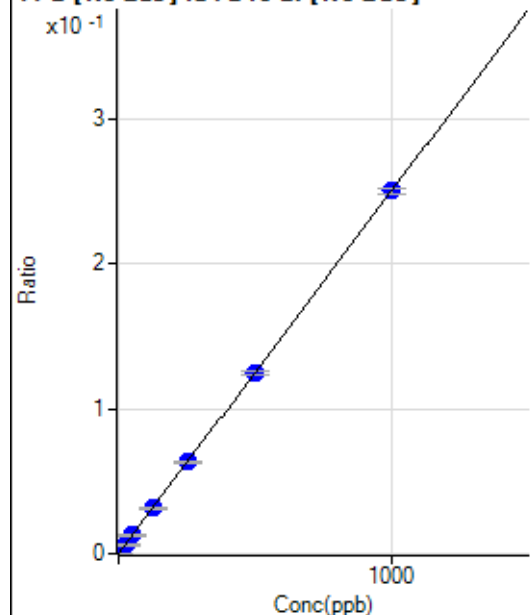
$$R = 1.0000$$

$$DL = 0.9953$$

$$BEC = 0.5313$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 355.58    | 0.0001 | P    | 11.7 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.681     | 19771.79  | 0.0060 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.400     | 41887.09  | 0.0127 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.745    | 101640.84 | 0.0313 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 252.018    | 197209.88 | 0.0632 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 498.467    | 374200.60 | 0.1248 | P    | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.307   | 725033.46 | 0.2504 | P    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 32093.59  | 0.0111 | P    | 12.1 |

$$y = 2.5023\text{E-}004 * x + 1.0863\text{E-}004$$

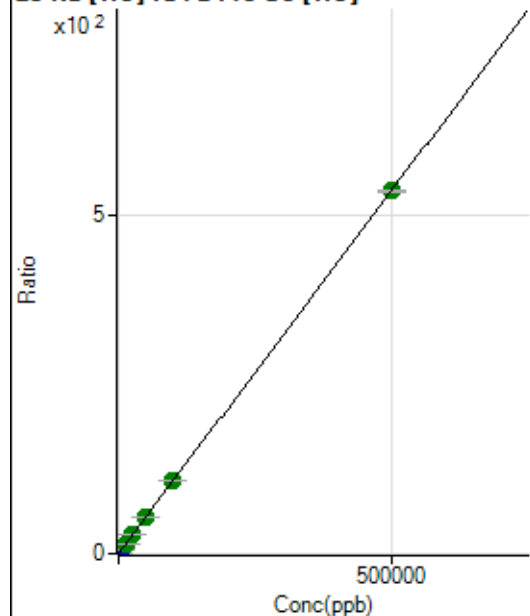
$$R = 1.0000$$

$$DL = 0.1518$$

$$BEC = 0.4341$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13534.42    | 0.0376   | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 471.942    | 197619.39   | 0.5441   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 5040.072   | 1964421.70  | 5.4465   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12770.274  | 4769802.58  | 13.7423  | A    | 0.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 25536.810  | 9151158.36  | 27.4429  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50555.394  | 17477373.14 | 54.2921  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 100495.98  | 34616553.20 | 107.8868 | A    | 1.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 499811.29  | 170427160.7 | 536.4199 | A    | 0.6 |

$$y = 0.0011 * x + 0.0376$$

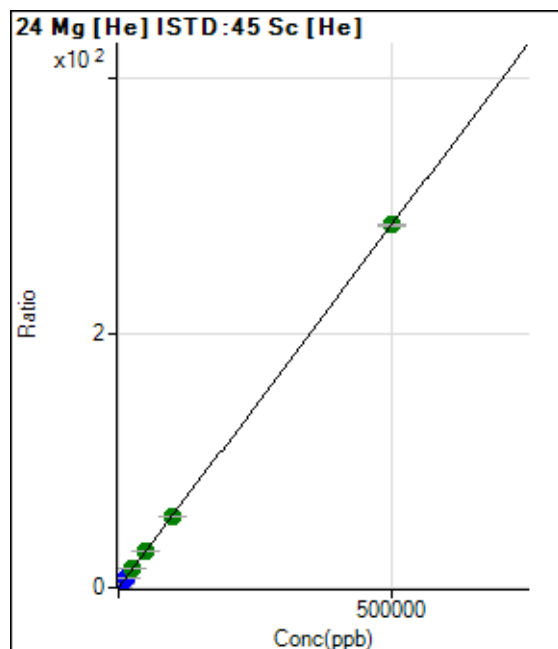
$$R = 1.0000$$

$$DL = 2.06$$

$$BEC = 35.04$$

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      | 1466.81     | 0.0041   | P    | 8.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 472.474    | 99286.49    | 0.2733   | P    | 1.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4983.087   | 1025748.46  | 2.8440   | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12684.351  | 2510476.49  | 7.2329   | P    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 25269.188  | 4803524.94  | 14.4051  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 49888.724  | 9153893.52  | 28.4359  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 98867.965  | 18080388.95 | 56.3494  | A    | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 500219.66  | 90573381.19 | 285.0814 | A    | 0.4 |

$$y = 5.6990\text{E-}004 * x + 0.0041$$

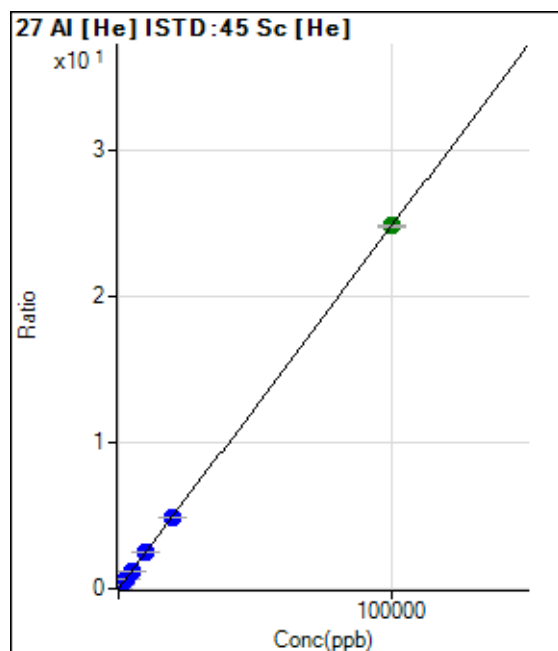
$$R = 1.0000$$

$$DL = 1.818$$

$$BEC = 7.151$$

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      | 108.34     | 0.0003  | P    | 19.7 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 20.270     | 1933.55    | 0.0053  | P    | 3.2  |
| 4 | <input type="checkbox"/> | 1000.000  | 1007.716   | 90171.53   | 0.2500  | P    | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2531.180   | 217801.55  | 0.6275  | P    | 0.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 5020.766   | 414959.98  | 1.2444  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 9973.682   | 795680.02  | 2.4717  | P    | 0.8  |
| 8 | <input type="checkbox"/> | 20000.000 | 19750.312  | 1570416.36 | 4.8943  | P    | 0.8  |
| 9 | <input type="checkbox"/> | 100000.00 | 100050.67  | 7876720.40 | 24.7923 | A    | 0.7  |

$$y = 2.4779\text{E-}004 * x + 3.0066\text{E-}004$$

$$R = 1.0000$$

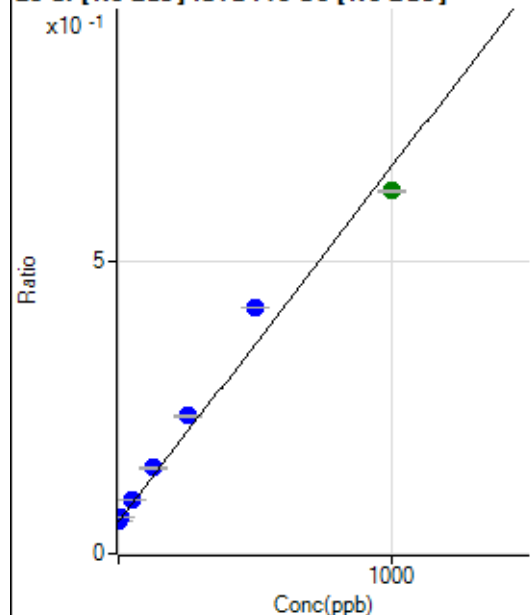
$$DL = 0.7154$$

$$BEC = 1.213$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 382898.68  | 0.0551 | P    | 0.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 12.747     | 458807.83  | 0.0629 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 59.028     | 662494.39  | 0.0909 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 151.199    | 1040914.76 | 0.1469 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 296.961    | 1615944.34 | 0.2354 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 604.717    | 2787190.51 | 0.4221 | P    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 932.148    | 3998849.35 | 0.6209 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 546200.07  | 0.0841 | P    | 0.4 |

$$y = 6.0693\text{E-}004 * x + 0.0551$$

$$R = 0.9899$$

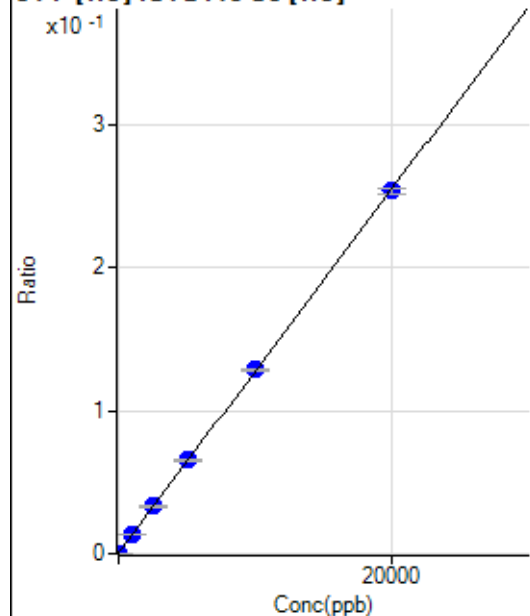
$$DL = 0.7011$$

$$BEC = 90.81$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -2.554     | 169.45   | 0.0005 | P    | 28.6 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 2.554      | 194.45   | 0.0005 | P    | 15.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 992.654    | 4734.30  | 0.0131 | P    | 4.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2598.347   | 11643.89 | 0.0335 | P    | 4.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 5107.264   | 21825.14 | 0.0655 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10079.394  | 41425.00 | 0.1287 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 20000.000 | 19921.561  | 81447.69 | 0.2538 | P    | 1.4  |
| 9 | <input type="checkbox"/> |           |            | 194.46   | 0.0006 | P    | 10.4 |

$$y = 1.2717\text{E-}005 * x + 5.0299\text{E-}004$$

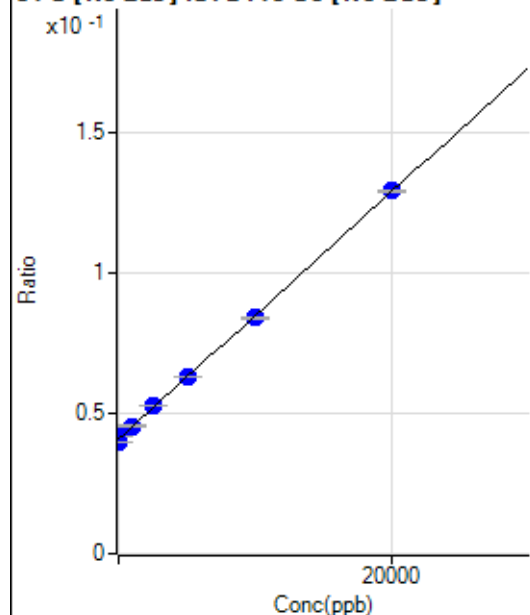
$$R = 1.0000$$

$$DL = 25.49$$

$$BEC = 39.55$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 231.037    | 290525.41 | 0.0418 | P    | 0.2 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -231.037   | 290425.37 | 0.0398 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 1060.193   | 331239.74 | 0.0455 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2663.340   | 372247.36 | 0.0525 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5061.286   | 433163.22 | 0.0631 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9831.876   | 555172.25 | 0.0841 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 20045.313  | 831123.44 | 0.1290 | P    | 0.5 |
| 9 | <input type="checkbox"/> |           |            | 233963.95 | 0.0360 | P    | 0.6 |

$$y = 4.4019\text{E-}006 * x + 0.0408$$

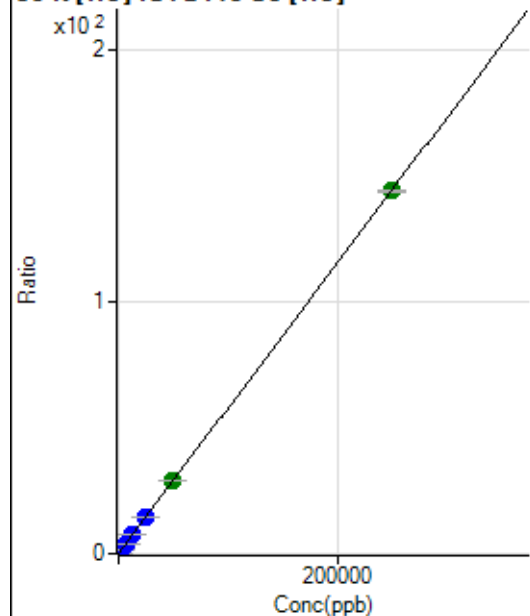
$$R = 0.9997$$

$$DL = 88.71$$

$$BEC = 9270$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 32528.38    | 0.0904   | P    | 0.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 484.968    | 134162.39   | 0.3694   | P    | 0.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2570.099   | 565879.61   | 1.5689   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6420.793   | 1313459.04  | 3.7842   | P    | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12707.538  | 2467922.36  | 7.4009   | P    | 0.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 25386.795  | 4730596.59  | 14.6952  | P    | 0.5 |
| 8 | <input type="checkbox"/> | 50000.000 | 49938.920  | 9247325.38  | 28.8199  | A    | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249958.21  | 45715294.77 | 143.8898 | A    | 0.5 |

$$y = 5.7529\text{E-}004 * x + 0.0904$$

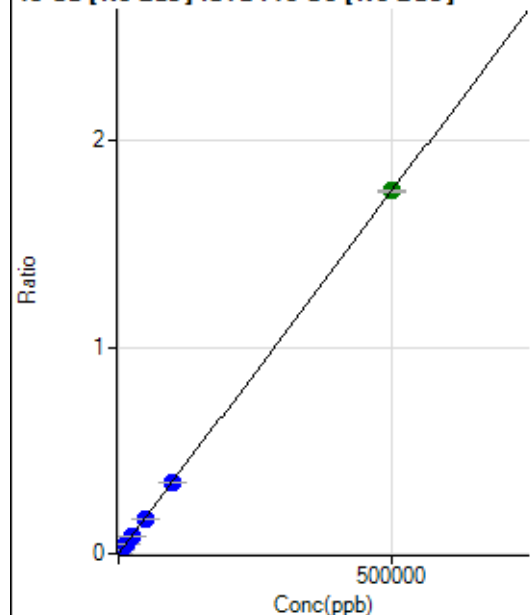
$$R = 1.0000$$

$$DL = 2.828$$

$$BEC = 157.1$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 580.60      | 0.0001 | P    | 27.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 451.276    | 12177.78    | 0.0017 | P    | 3.9  |
| 4 | <input type="checkbox"/> | 5000.000  | 4864.935   | 125058.16   | 0.0172 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 12328.849  | 307398.44   | 0.0434 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 24270.576  | 585797.88   | 0.0853 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 50000.000 | 48493.348  | 1124920.60  | 0.1704 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 100000.00 | 97877.908  | 2214323.98  | 0.3438 | P    | 0.1  |
| 9 | <input type="checkbox"/> | 500000.00 | 500617.23  | 11414176.47 | 1.7581 | A    | 0.6  |

$$y = 3.5117\text{E-}006 * x + 8.3603\text{E-}005$$

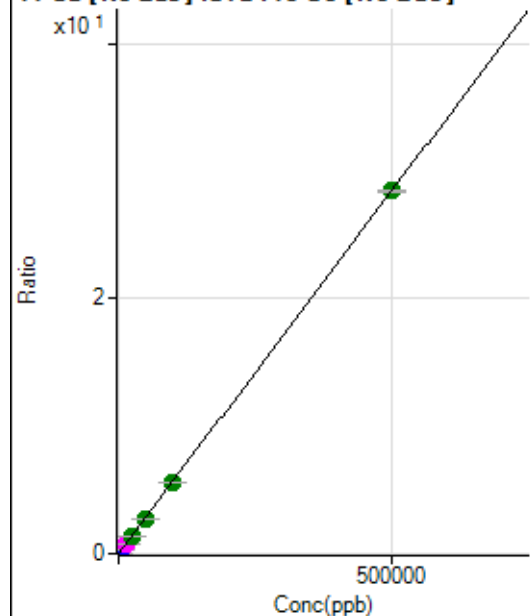
$$R = 1.0000$$

$$DL = 19.63$$

$$BEC = 23.81$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13131.50    | 0.0019  | P    | 17.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 434.847    | 194078.86   | 0.0266  | P    | 0.6  |
| 4 | <input type="checkbox"/> | 5000.000  | 4878.940   | 2032362.11  | 0.2790  | P    | 0.2  |
| 5 | <input type="checkbox"/> | 12500.000 | 12406.670  | 5006871.34  | 0.7065  | M    | 1.1  |
| 6 | <input type="checkbox"/> | 25000.000 | 24541.499  | 9583362.28  | 1.3957  | A    | 0.4  |
| 7 | <input type="checkbox"/> | 50000.000 | 48671.895  | 18264026.45 | 2.7662  | A    | 0.2  |
| 8 | <input type="checkbox"/> | 100000.00 | 98546.132  | 36060997.33 | 5.5989  | A    | 0.3  |
| 9 | <input type="checkbox"/> | 500000.00 | 500450.11  | 184547422.1 | 28.4252 | A    | 0.6  |

$$y = 5.6795\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

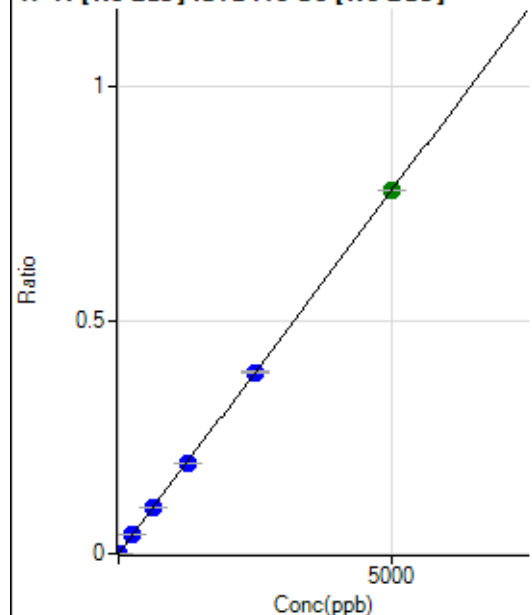
$$DL = 17.38$$

$$BEC = 33.29$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 155.57     | 0.0000 | P   | 21.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.690      | 5481.84    | 0.0008 | P   | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 253.874    | 287486.92  | 0.0395 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 634.865    | 699139.82  | 0.0987 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1251.884   | 1335538.98 | 0.1945 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2501.057   | 2565710.19 | 0.3886 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.574   | 5000964.26 | 0.7765 | A   | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 2889.29    | 0.0004 | P   | 9.8  |

$$y = 1.5536E-004 * x + 2.2385E-005$$

$$R = 1.0000$$

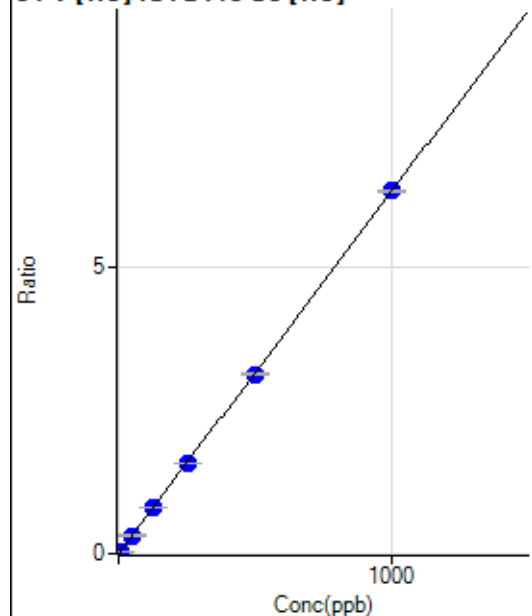
$$DL = 0.0924$$

$$BEC = 0.1441$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 26.67      | 0.0001 | P   | 33.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.695      | 10836.35   | 0.0298 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.317     | 115055.06  | 0.3190 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 125.536    | 276208.72  | 0.7958 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.034    | 528503.34  | 1.5849 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 496.231    | 1012554.79 | 3.1454 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.794   | 2037483.09 | 6.3499 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 980.05     | 0.0031 | P   | 7.5  |

$$y = 0.0063 * x + 7.4082E-005$$

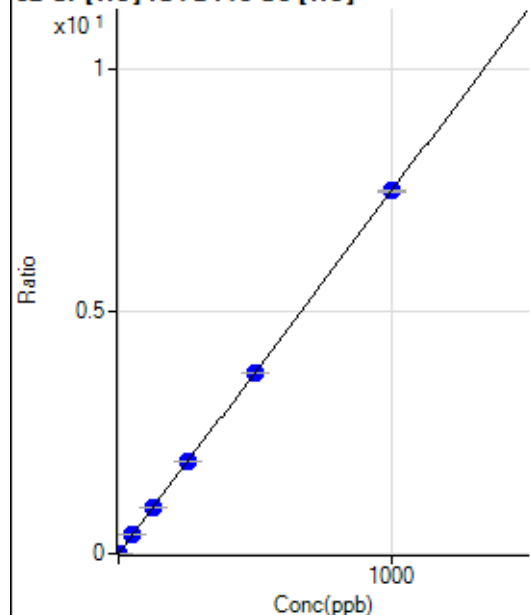
$$R = 1.0000$$

$$DL = 0.01157$$

$$BEC = 0.01169$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 333.34     | 0.0009 | P   | 10.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.048      | 5905.71    | 0.0163 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.902     | 137785.54  | 0.3820 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.071    | 330528.65  | 0.9523 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.003    | 631941.02  | 1.8951 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 498.101    | 1200771.81 | 3.7301 | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.895    | 2402322.03 | 7.4869 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 107170.32  | 0.3373 | P   | 0.5  |

$$y = 0.0075 * x + 9.2653E-004$$

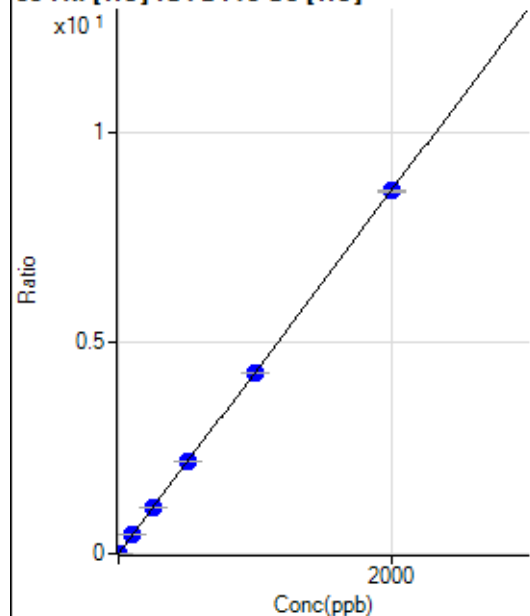
$$R = 1.0000$$

$$DL = 0.03841$$

$$BEC = 0.1238$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 243.34     | 0.0007 | P   | 4.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.886      | 1630.12    | 0.0045 | P   | 6.1 |
| 4 | <input type="checkbox"/> | 100.000  | 101.328    | 157506.84  | 0.4367 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 254.361    | 380127.79  | 1.0952 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 506.873    | 727532.91  | 2.1818 | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.646    | 1384938.17 | 4.3022 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.847   | 2758703.19 | 8.5975 | P   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 14504.01   | 0.0456 | P   | 1.9 |

$$y = 0.0043 * x + 6.7586E-004$$

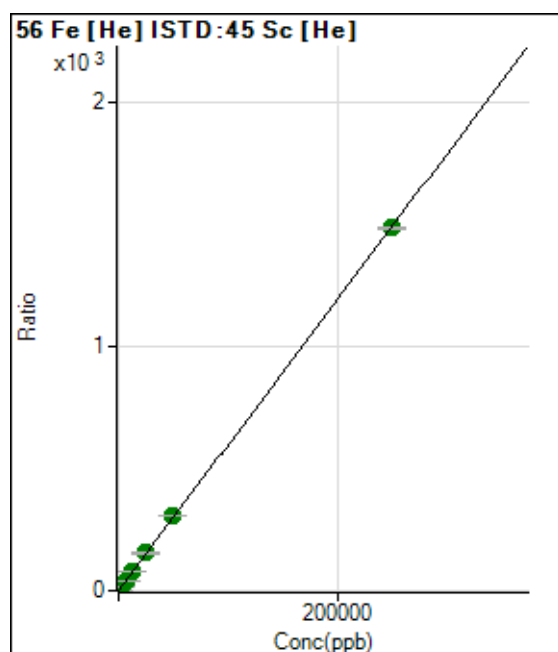
$$R = 1.0000$$

$$DL = 0.01986$$

$$BEC = 0.1571$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 9195.69     | 0.0255    | P    | 3.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.913     | 112878.50   | 0.3108    | P    | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2627.593   | 5650640.00  | 15.6670   | A    | 1.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6584.333   | 13613083.64 | 39.2206   | A    | 0.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 13172.134  | 26155097.35 | 78.4362   | A    | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25840.781  | 49526342.77 | 153.8497  | A    | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 51482.507  | 98343571.64 | 306.4890  | A    | 0.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 249576.18  | 472017936.4 | 1,485.694 | A    | 0.7 |

$$y = 0.0060 * x + 0.0255$$

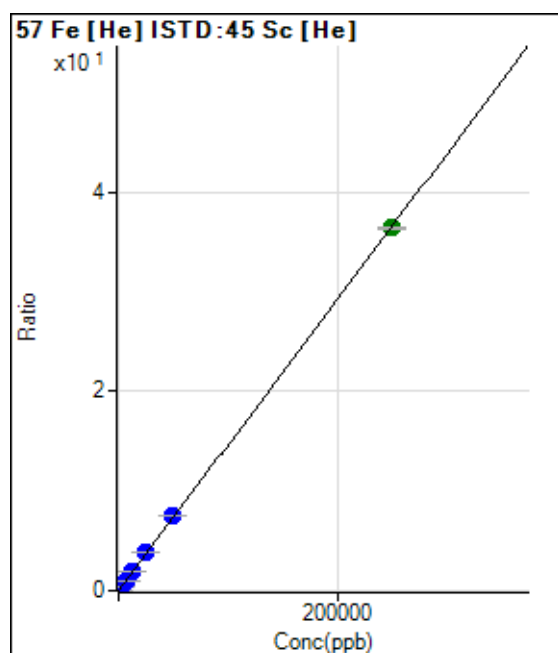
$$R = 1.0000$$

$$DL = 0.4792$$

$$BEC = 4.292$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 551.88      | 0.0015  | P    | 12.9 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 48.366     | 3118.95     | 0.0086  | P    | 2.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2621.431   | 138451.88   | 0.3839  | P    | 1.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 6600.169   | 334660.19   | 0.9642  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 13135.303  | 639355.51   | 1.9173  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 25941.342  | 1218485.83  | 3.7851  | P    | 0.2  |
| 8 | <input type="checkbox"/> | 50000.000 | 51747.404  | 2422229.60  | 7.5490  | P    | 0.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249514.65  | 11562692.62 | 36.3938 | A    | 0.4  |

$$y = 1.4585E-004 * x + 0.0015$$

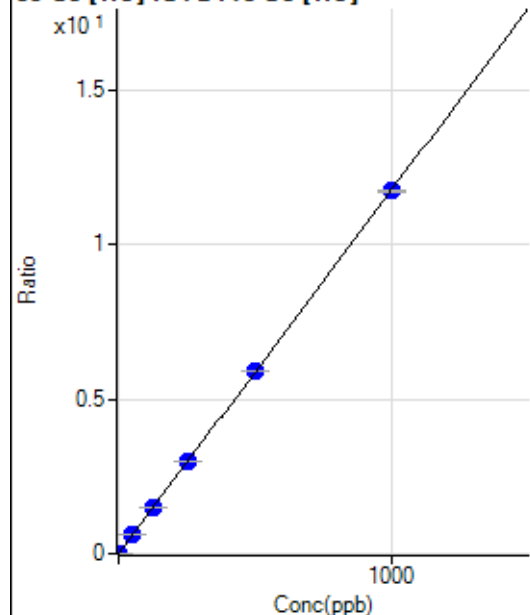
$$R = 1.0000$$

$$DL = 4.063$$

$$BEC = 10.51$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 276.67     | 0.0008  | P        | 12.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.986      | 4495.20    | 0.0124  | P        | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.594     | 219329.46  | 0.6081  | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 128.133    | 523787.55  | 1.5091  | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 254.312    | 998502.94  | 2.9944  | P        | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.060    | 1898959.78 | 5.8990  | P        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.920    | 3769480.01 | 11.7477 | P        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 6742.76    | 0.0212  | P        | 2.7  |

$$y = 0.0118 * x + 7.6908E-004$$

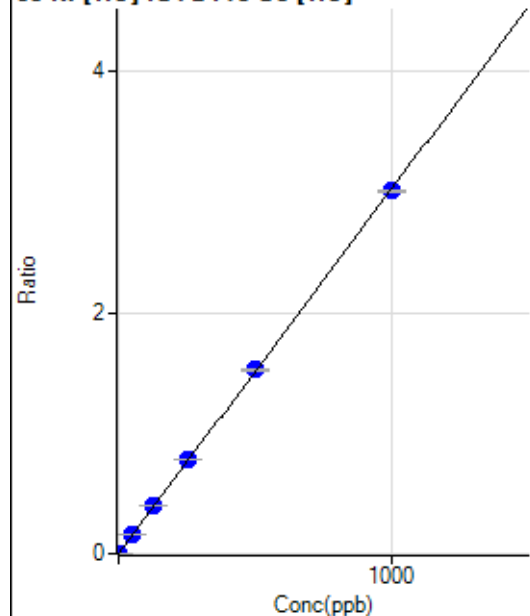
$$R = 1.0000$$

$$DL = 0.02403$$

$$BEC = 0.06533$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 124.45    | 0.0003 | P        | 6.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.043      | 1270.08   | 0.0035 | P        | 7.1 |
| 4 | <input type="checkbox"/> | 50.000   | 52.876     | 57766.85  | 0.1602 | P        | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 130.667    | 137201.47 | 0.3953 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 258.476    | 260633.04 | 0.7816 | P        | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 504.062    | 490557.67 | 1.5239 | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.998    | 965108.91 | 3.0077 | P        | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 26757.93  | 0.0842 | P        | 0.8 |

$$y = 0.0030 * x + 3.4571E-004$$

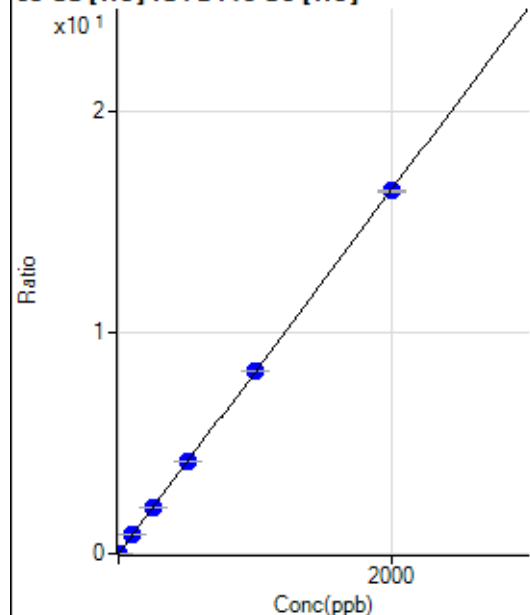
$$R = 0.9999$$

$$DL = 0.02089$$

$$BEC = 0.1144$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 765.59     | 0.0021  | P   | 8.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.944      | 6584.92    | 0.0181  | P   | 2.6 |
| 4 | <input type="checkbox"/> | 100.000  | 102.876    | 306091.63  | 0.8487  | P   | 1.6 |
| 5 | <input type="checkbox"/> | 250.000  | 257.624    | 736553.47  | 2.1221  | P   | 0.2 |
| 6 | <input type="checkbox"/> | 500.000  | 510.398    | 1401254.30 | 4.2022  | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.212   | 2658194.56 | 8.2575  | P   | 0.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1994.698   | 5267548.63 | 16.4163 | P   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 9815.65    | 0.0309  | P   | 0.4 |

$$y = 0.0082 * x + 0.0021$$

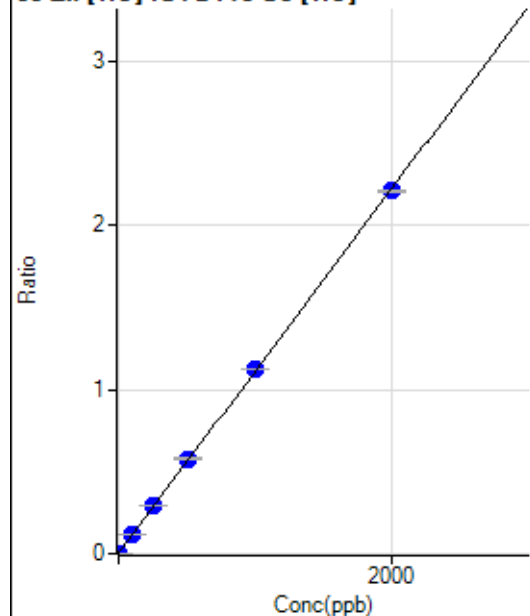
$$R = 1.0000$$

$$DL = 0.06283$$

$$BEC = 0.2586$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 780.04    | 0.0022 | P   | 7.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.734      | 1486.77   | 0.0041 | P   | 2.1 |
| 4 | <input type="checkbox"/> | 100.000  | 102.854    | 41983.63  | 0.1164 | P   | 1.6 |
| 5 | <input type="checkbox"/> | 250.000  | 259.619    | 100838.19 | 0.2905 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 520.088    | 193347.00 | 0.5798 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.791   | 361029.76 | 1.1215 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 2000.000 | 1989.738   | 709813.34 | 2.2121 | P   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 3972.83   | 0.0125 | P   | 4.5 |

$$y = 0.0011 * x + 0.0022$$

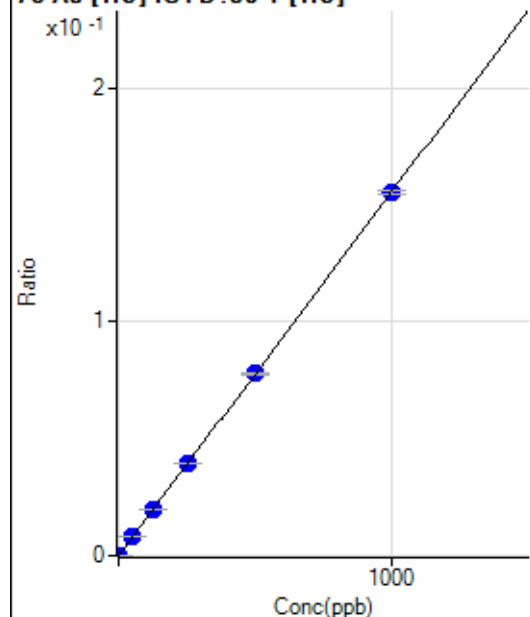
$$R = 0.9999$$

$$DL = 0.4496$$

$$BEC = 1.951$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.18      | 0.0000 | P   | 17.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 301.24    | 0.0002 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.972     | 15707.95  | 0.0081 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.617    | 37554.53  | 0.0200 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 253.845    | 71551.37  | 0.0395 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 501.218    | 136751.99 | 0.0779 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.879    | 272478.40 | 0.1551 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 137.65    | 0.0001 | P   | 11.3 |

$$y = 1.5546\text{E-}004 * x + 3.1848\text{E-}006$$

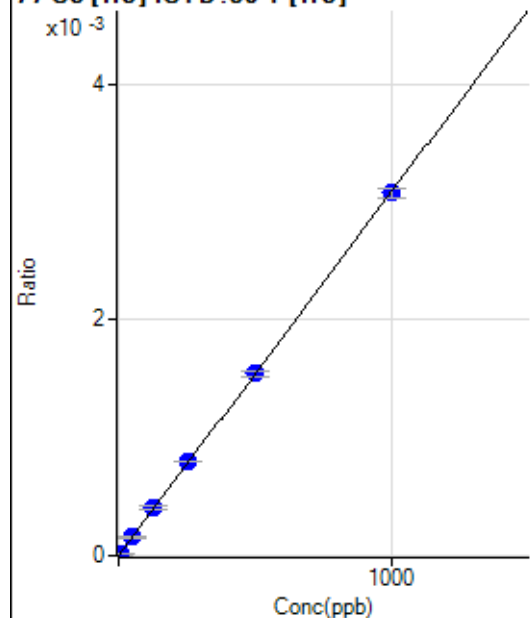
$$R = 1.0000$$

$$DL = 0.01077$$

$$BEC = 0.02049$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.724      | 35.56   | 0.0000 | P   | 22.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.898     | 312.23  | 0.0002 | P   | 12.1 |
| 5 | <input type="checkbox"/> | 125.000  | 131.104    | 760.03  | 0.0004 | P   | 8.6  |
| 6 | <input type="checkbox"/> | 250.000  | 258.066    | 1443.43 | 0.0008 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 500.309    | 2708.08 | 0.0015 | P   | 2.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.967    | 5399.98 | 0.0031 | P   | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 11.11   | 0.0000 | P   | 45.8 |

$$y = 3.0830\text{E-}006 * x + 5.7358\text{E-}007$$

$$R = 1.0000$$

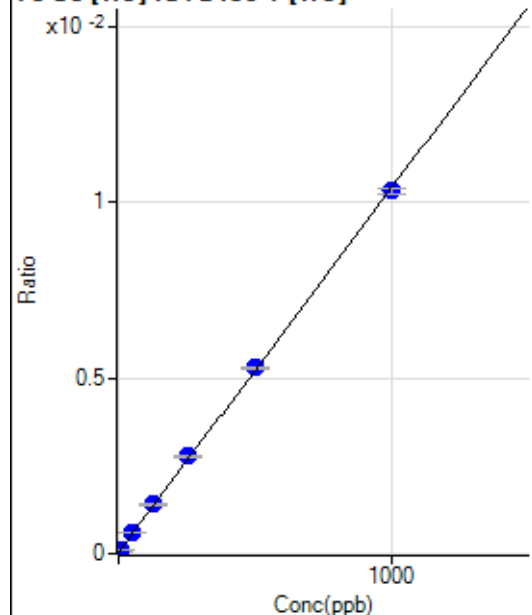
$$DL = 0.9667$$

$$BEC = 0.186$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.87    | 0.0000 | P    | 9.3  |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.096      | 184.57   | 0.0001 | P    | 8.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.618     | 1181.54  | 0.0006 | P    | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.624    | 2641.01  | 0.0014 | P    | 2.9  |
| 6 | <input type="checkbox"/> | 250.000  | 263.355    | 5025.61  | 0.0028 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 506.837    | 9295.03  | 0.0053 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.183    | 18141.05 | 0.0103 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 83.95    | 0.0000 | P    | 27.8 |

$$y = 1.0368\text{E-}005 * x + 4.1686\text{E-}005$$

$$R = 0.9999$$

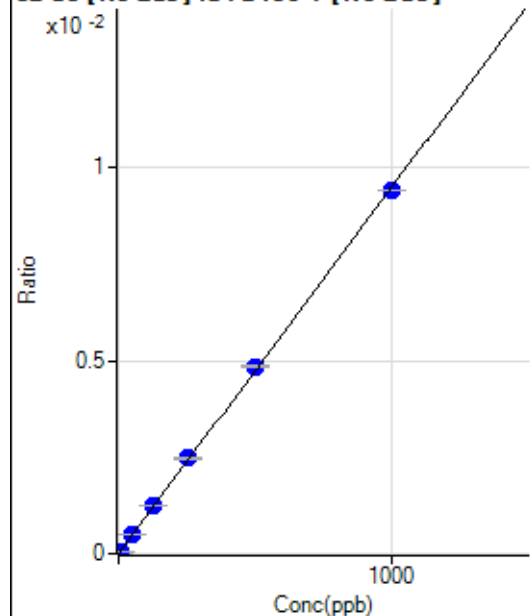
$$DL = 1.116$$

$$BEC = 4.021$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 28.80     | 0.0000 | P    | 178. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.804      | 572.00    | 0.0000 | P    | 18.2 |
| 4 | <input type="checkbox"/> | 50.000   | 52.738     | 6010.79   | 0.0005 | P    | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 131.374    | 14524.24  | 0.0012 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 260.206    | 28131.88  | 0.0025 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 510.693    | 54033.43  | 0.0048 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.169    | 102977.42 | 0.0094 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 139.10    | 0.0000 | P    | 31.3 |

$$y = 9.4807\text{E-}006 * x + 2.5548\text{E-}006$$

$$R = 0.9998$$

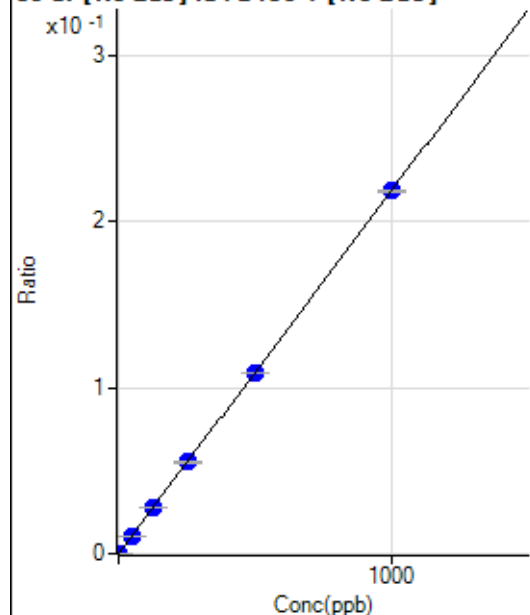
$$DL = 1.439$$

$$BEC = 0.2695$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 825.06     | 0.0001 | P    | 10.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.885      | 3167.17    | 0.0003 | P    | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.699     | 130717.64  | 0.0109 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.878    | 323358.02  | 0.0278 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.773    | 627310.89  | 0.0551 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 499.105    | 1216773.51 | 0.1091 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.785    | 2393247.24 | 0.2184 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 80128.90   | 0.0075 | P    | 0.1  |

$$y = 2.1842\text{E-}004 * x + 7.3041\text{E-}005$$

$$R = 1.0000$$

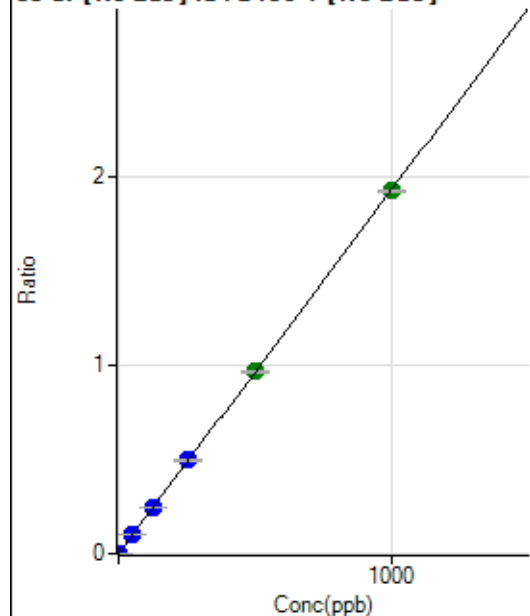
$$DL = 0.106$$

$$BEC = 0.3344$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2922.68     | 0.0003 | P    | 36.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.871      | 23024.91    | 0.0019 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.329     | 1161960.17  | 0.0971 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.558    | 2860613.48  | 0.2458 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 256.413    | 5626072.26  | 0.4939 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 501.100    | 10762397.46 | 0.9649 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.511    | 21040240.75 | 1.9205 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 699781.04   | 0.0651 | P    | 0.4  |

$$y = 0.0019 * x + 2.5883\text{E-}004$$

$$R = 1.0000$$

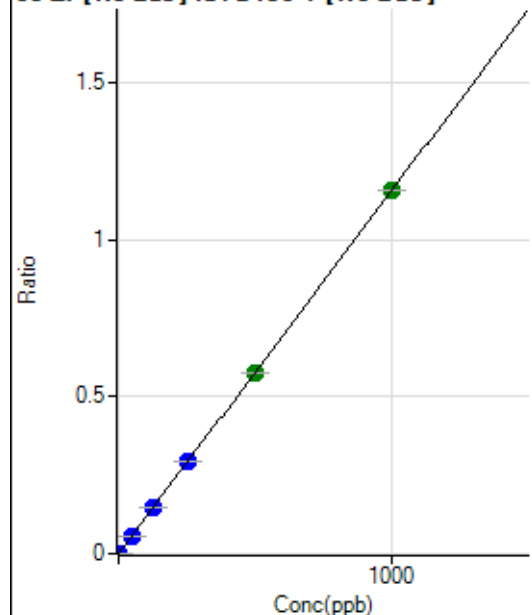
$$DL = 0.1461$$

$$BEC = 0.1345$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 727.83      | 0.0001 | P    | 15.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.981      | 14260.53    | 0.0012 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.170     | 681271.65   | 0.0570 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.245    | 1687218.27  | 0.1450 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.068    | 3349666.74  | 0.2940 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 498.131    | 6429386.47  | 0.5764 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.928    | 12676025.46 | 1.1570 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 4617.63     | 0.0004 | P    | 5.7  |

$$y = 0.0012 * x + 6.4441E-005$$

$$R = 1.0000$$

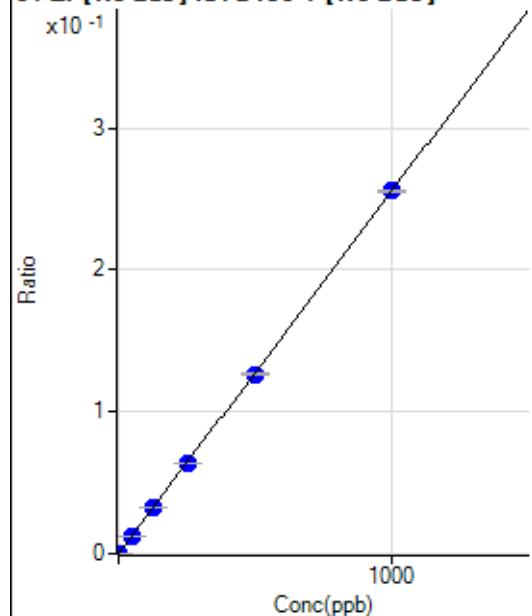
$$DL = 0.0259$$

$$BEC = 0.05569$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 130.56     | 0.0000 | P    | 32.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.975      | 3097.71    | 0.0003 | P    | 11.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.180     | 150289.50  | 0.0126 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.359    | 372509.00  | 0.0320 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.432    | 731245.94  | 0.0642 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 496.291    | 1413087.51 | 0.1267 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.493   | 2800733.11 | 0.2556 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1052.87    | 0.0001 | P    | 10.5 |

$$y = 2.5525E-004 * x + 1.1555E-005$$

$$R = 1.0000$$

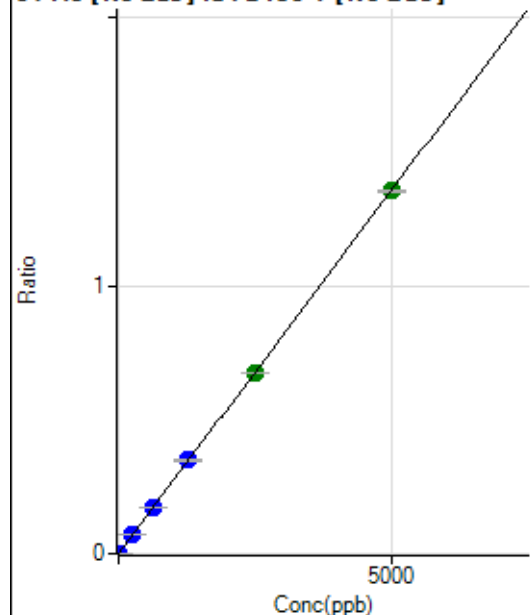
$$DL = 0.0435$$

$$BEC = 0.04527$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 400.02      | 0.0000 | P    | 26.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.842      | 16040.17    | 0.0013 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 251.667    | 816852.00   | 0.0683 | P    | 0.0  |
| 5 | <input type="checkbox"/> | 625.000  | 639.534    | 2018922.05  | 0.1735 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1284.586   | 3969332.86  | 0.3484 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2495.242   | 7548811.54  | 0.6768 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.833   | 14832603.46 | 1.3539 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 20740.92    | 0.0019 | P    | 2.0  |

$$y = 2.7121\text{E-}004 * x + 3.5419\text{E-}005$$

$$R = 1.0000$$

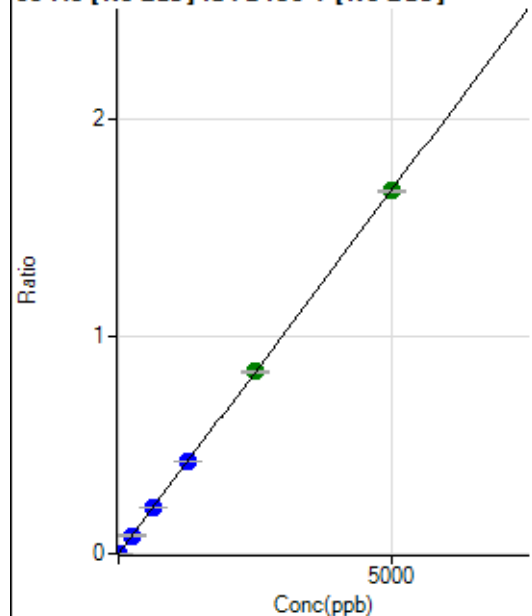
$$DL = 0.1024$$

$$BEC = 0.1306$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 297.24      | 0.0000 | P    | 31.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.724      | 19085.66    | 0.0016 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 250.000  | 250.627    | 1001943.49  | 0.0838 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 638.120    | 2481533.34  | 0.2132 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1279.312   | 4869849.54  | 0.4275 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2499.973   | 9317268.87  | 0.8353 | A    | 0.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.014   | 18270056.14 | 1.6677 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 33562.71    | 0.0031 | P    | 1.4  |

$$y = 3.3413\text{E-}004 * x + 2.6322\text{E-}005$$

$$R = 1.0000$$

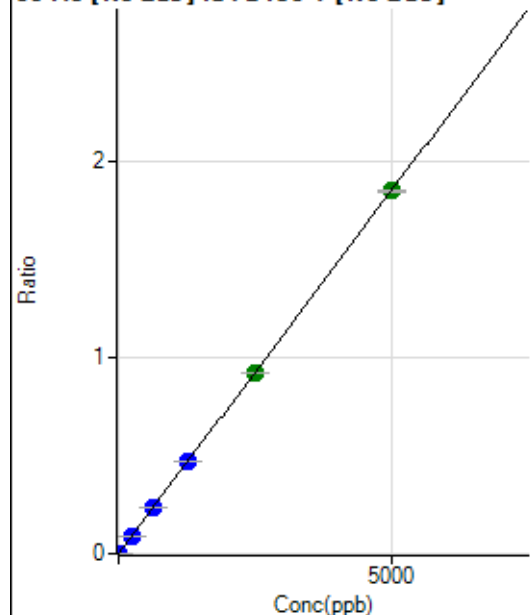
$$DL = 0.07342$$

$$BEC = 0.07878$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 341.69      | 0.0000 | P    | 56.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.586      | 20576.66    | 0.0017 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 249.420    | 1106229.60  | 0.0925 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 635.279    | 2740762.63  | 0.2355 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1275.168   | 5384991.09  | 0.4727 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2493.894   | 10311384.78 | 0.9245 | A    | 0.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.506   | 20286853.41 | 1.8517 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 39243.84    | 0.0037 | P    | 1.9  |

$$y = 3.7068\text{E-}004 * x + 3.0270\text{E-}005$$

$$R = 1.0000$$

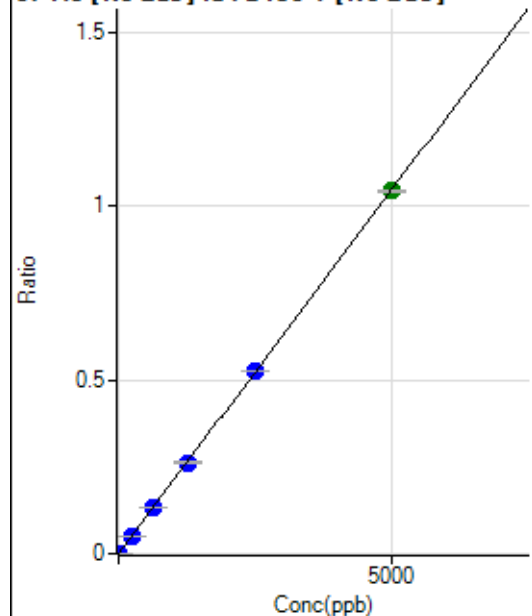
$$DL = 0.1372$$

$$BEC = 0.08166$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 225.01      | 0.0000 | P    | 46.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.658      | 11816.46    | 0.0010 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 250.000  | 247.700    | 619559.98   | 0.0518 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 624.921    | 1520407.60  | 0.1306 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1254.747   | 2988098.83  | 0.2623 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2519.804   | 5875238.63  | 0.5267 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4989.037   | 11425371.18 | 1.0429 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 20957.83    | 0.0019 | P    | 2.8  |

$$y = 2.0903\text{E-}004 * x + 1.9928\text{E-}005$$

$$R = 1.0000$$

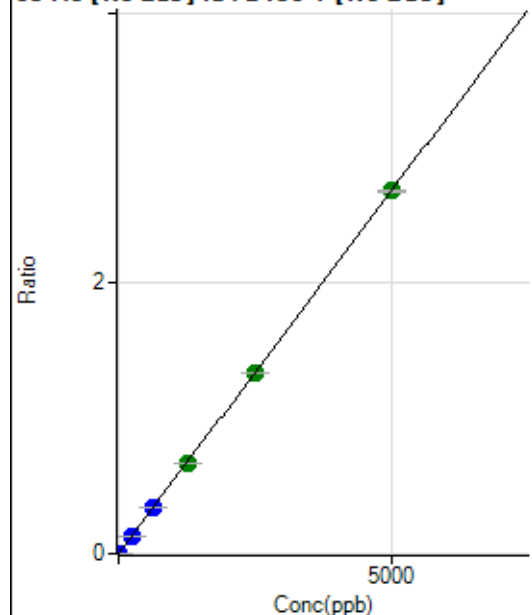
$$DL = 0.1332$$

$$BEC = 0.09534$$

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      | 427.80      | 0.0000 | P        | 27.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.668      | 30257.88    | 0.0025 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 249.215    | 1601070.51  | 0.1339 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 635.524    | 3971731.16  | 0.3413 | P        | 0.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.148   | 7665972.31  | 0.6729 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2497.705   | 14959689.57 | 1.3412 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.084   | 29408473.57 | 2.6843 | A        | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 51909.68    | 0.0048 | P        | 1.7  |

$$y = 5.3696E-004 * x + 3.7885E-005$$

$$R = 1.0000$$

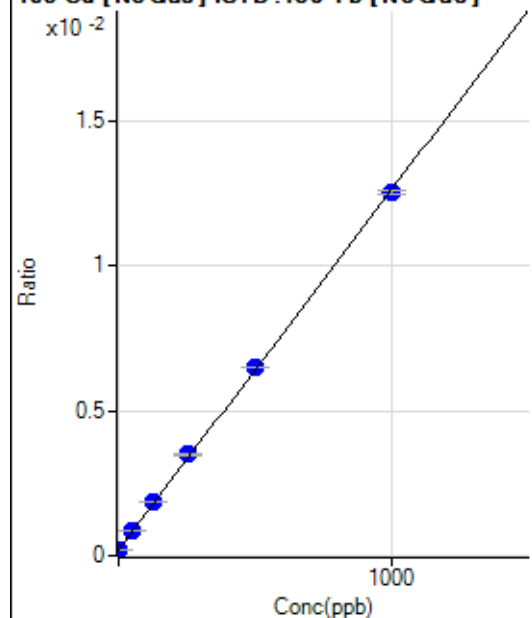
$$DL = 0.05823$$

$$BEC = 0.07055$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2922.63   | 0.0002 | P        | 5.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.704      | 3200.50   | 0.0002 | P        | 7.5 |
| 4 | <input type="checkbox"/> | 50.000   | 52.606     | 13034.29  | 0.0009 | P        | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 133.546    | 27917.32  | 0.0019 | P        | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 264.676    | 51483.39  | 0.0035 | P        | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 506.631    | 94958.84  | 0.0065 | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.817    | 180901.55 | 0.0125 | P        | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 2680.93   | 0.0002 | P        | 1.5 |

$$y = 1.2394E-005 * x + 2.0413E-004$$

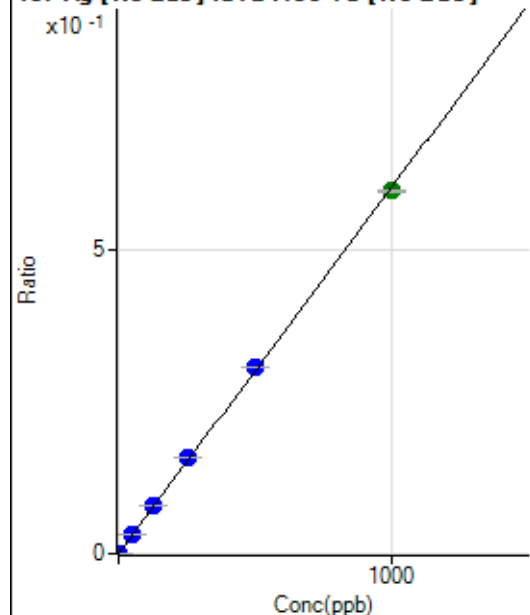
$$R = 0.9998$$

$$DL = 2.633$$

$$BEC = 16.47$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.12      | 0.0000 | P    | 24.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.049      | 9578.63    | 0.0006 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.562     | 490656.48  | 0.0322 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 132.985    | 1201470.78 | 0.0800 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 262.082    | 2329625.12 | 0.1577 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 509.798    | 4492336.39 | 0.3067 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.904    | 8630294.90 | 0.5962 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 975.08     | 0.0001 | P    | 7.8  |

$$y = 6.0164\text{E-}004 * x + 6.0155\text{E-}006$$

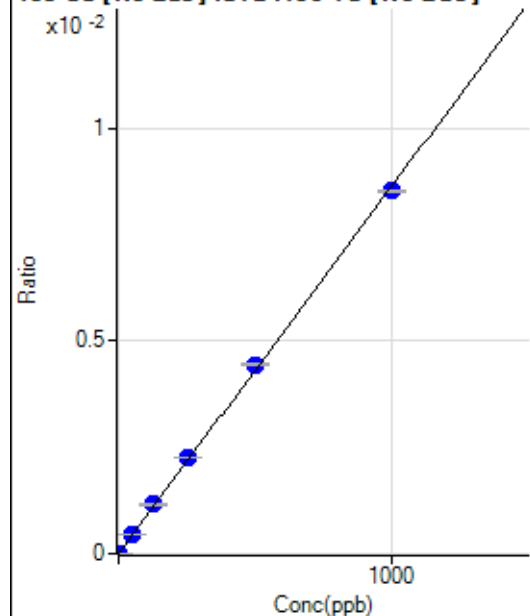
$$R = 0.9998$$

$$DL = 0.00733$$

$$BEC = 0.009998$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.95      | 0.0000 | P    | 124. |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.014      | 138.89    | 0.0000 | P    | 17.6 |
| 4 | <input type="checkbox"/> | 50.000   | 53.720     | 7065.81   | 0.0005 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 125.000  | 133.813    | 17351.19  | 0.0012 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 263.023    | 33549.67  | 0.0023 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 514.260    | 65022.01  | 0.0044 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.327    | 123503.07 | 0.0085 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 31.95     | 0.0000 | P    | 71.9 |

$$y = 8.6318\text{E-}006 * x + 4.8481\text{E-}007$$

$$R = 0.9997$$

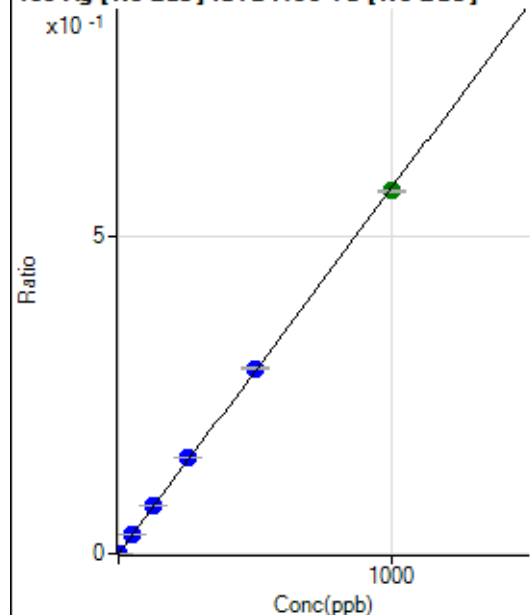
$$DL = 0.2103$$

$$BEC = 0.05617$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P    | 59.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.038      | 9028.24    | 0.0006 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 53.451     | 468198.29  | 0.0308 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 132.259    | 1142649.80 | 0.0761 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 261.098    | 2219408.62 | 0.1502 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.170    | 4273870.97 | 0.2918 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.561    | 8266817.28 | 0.5711 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1019.54    | 0.0001 | P    | 9.6  |

$$y = 5.7535\text{E-}004 * x + 2.9093\text{E-}006$$

$$R = 0.9999$$

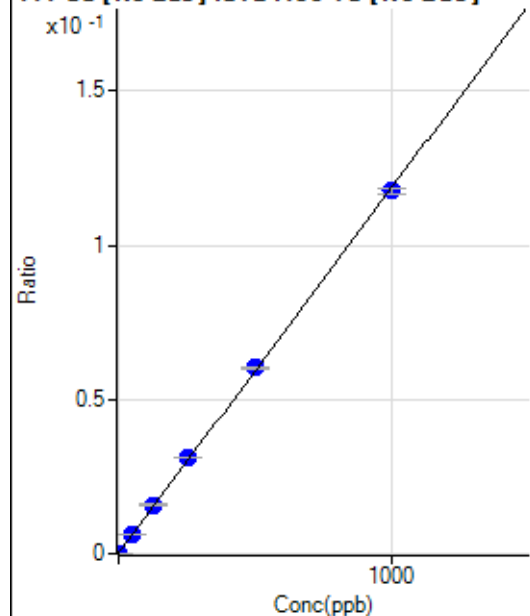
$$DL = 0.00909$$

$$BEC = 0.005057$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2079.87    | 0.0001 | P    | 4.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.003      | 3969.68    | 0.0003 | P    | 4.9 |
| 4 | <input type="checkbox"/> | 50.000   | 52.951     | 97668.97   | 0.0064 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 132.697    | 238130.52  | 0.0159 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 261.380    | 459439.73  | 0.0311 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 507.885    | 883022.96  | 0.0603 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.103    | 1702793.96 | 0.1176 | P    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 2183.47    | 0.0002 | P    | 1.6 |

$$y = 1.1842\text{E-}004 * x + 1.4527\text{E-}004$$

$$R = 0.9999$$

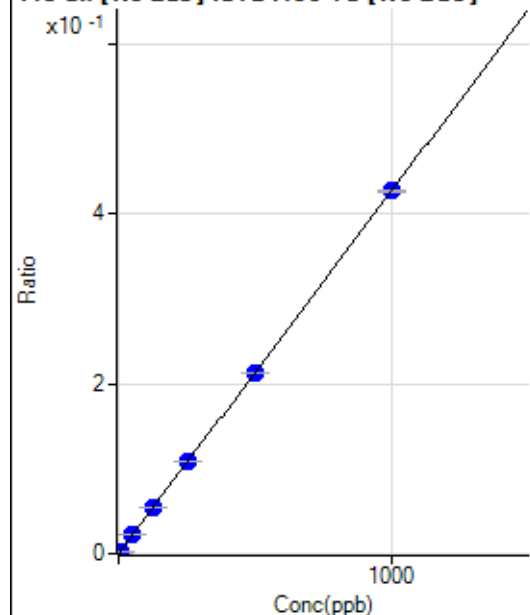
$$DL = 0.1803$$

$$BEC = 1.227$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1580.71    | 0.0001 | P    | 4.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.878      | 32950.70   | 0.0022 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.703     | 330889.21  | 0.0217 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 126.414    | 811242.84  | 0.0540 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 252.223    | 1590945.49 | 0.1077 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 498.095    | 3113136.61 | 0.2126 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.186   | 6176949.79 | 0.4267 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 18568.50   | 0.0013 | P    | 1.1 |

$$y = 4.2652\text{E-}004 * x + 1.1040\text{E-}004$$

$$R = 1.0000$$

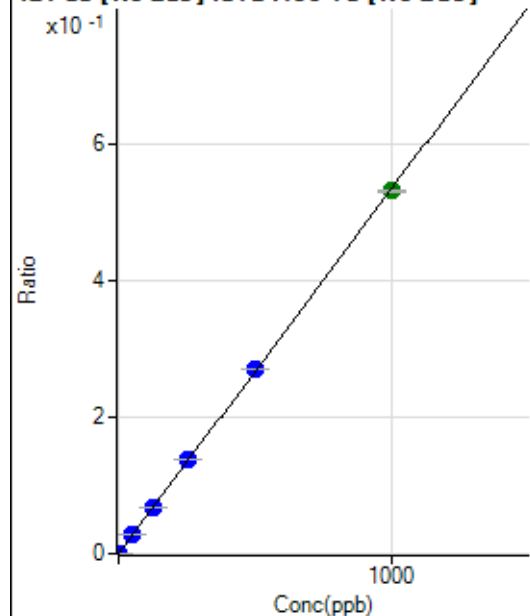
$$DL = 0.03071$$

$$BEC = 0.2588$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.01     | 0.0000 | P    | 14.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.934      | 15678.84   | 0.0010 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 51.004     | 415820.60  | 0.0273 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.363    | 1024011.18 | 0.0682 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.355    | 2027856.10 | 0.1373 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 506.584    | 3972525.66 | 0.2712 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.774    | 7709949.74 | 0.5326 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 12670.11   | 0.0009 | P    | 2.8  |

$$y = 5.3540\text{E-}004 * x + 6.9854\text{E-}006$$

$$R = 0.9999$$

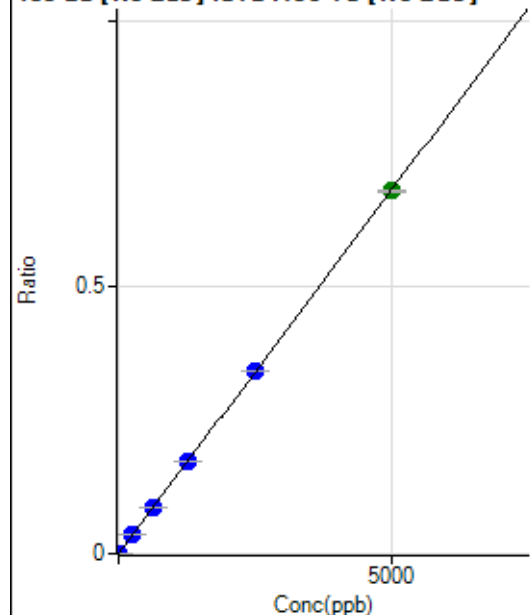
$$DL = 0.00568$$

$$BEC = 0.01305$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 250.01     | 0.0000 | P    | 20.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.359      | 19464.35   | 0.0013 | P    | 0.1  |
| 4 | <input type="checkbox"/> | 250.000  | 253.690    | 527167.27  | 0.0346 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 632.628    | 1296264.67 | 0.0863 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1262.997   | 2545986.28 | 0.1723 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2513.280   | 5022408.58 | 0.3429 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4988.974   | 9853447.53 | 0.6807 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 3475.59    | 0.0002 | P    | 4.1  |

$$y = 1.3643\text{E-}004 * x + 1.7461\text{E-}005$$

$$R = 1.0000$$

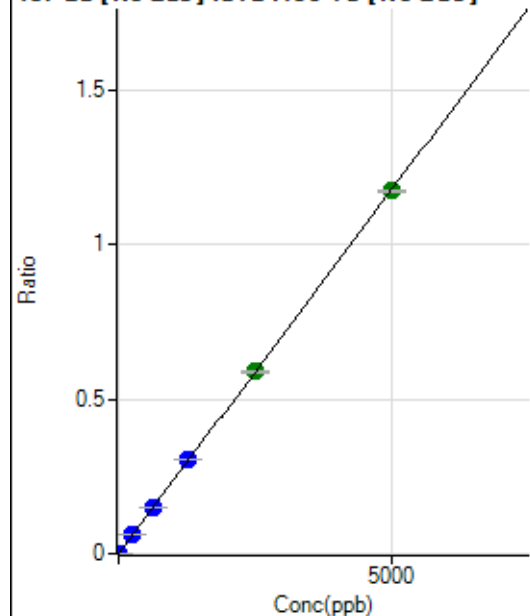
$$DL = 0.07673$$

$$BEC = 0.128$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 436.14      | 0.0000 | P    | 40.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.438      | 33886.77    | 0.0023 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 250.000  | 254.334    | 912386.39   | 0.0599 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 643.352    | 2275617.72  | 0.1516 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1290.337   | 4490177.01  | 0.3039 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2500.323   | 8625367.12  | 0.5889 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4987.245   | 17004178.51 | 1.1746 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 6257.27     | 0.0004 | P    | 2.6  |

$$y = 2.3552\text{E-}004 * x + 3.0463\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1586$$

$$BEC = 0.1293$$

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"/> |       |            | 8.89   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 42.23  |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 29.6 |
| 6 | <input type="checkbox"/> |       |            | 146.67 |       | P        | 19.8 |
| 7 | <input type="checkbox"/> |       |            | 291.13 |       | P        | 7.0  |
| 8 | <input type="checkbox"/> |       |            | 715.60 |       | P        | 10.3 |
| 9 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 27.5 |

**150 Nd [ 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 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 45.8 |
| 6 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 78.1 |
| 7 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 6.2  |
| 8 | <input type="checkbox"/> |       |            | 182.23 |       | P        | 6.9  |
| 9 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 8.1  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67  |       | P        | NaN  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 124. |
| 4 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 91.6 |
| 5 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 86.6 |
| 6 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 50.0 |
| 7 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 20.0 |
| 8 | <input type="checkbox"/> |       |            | 280.57 |       | P        | 12.0 |
| 9 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 30.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 72.1 |
| 5 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 45.4 |
| 6 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 23.9 |
| 7 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 31.0 |
| 8 | <input type="checkbox"/> |       |            | 198.89 |       | P        | 23.7 |
| 9 | <input type="checkbox"/> |       |            | 30.00  |       | P        | 33.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 49.5 |
| 4 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 24.7 |
| 6 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 50.0 |
| 7 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 14.3 |
| 8 | <input type="checkbox"/> |       |            | 230.57 |       | P        | 24.1 |
| 9 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 63.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 152.23 |       | P        | 7.7  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 166.67 |       | P        | 7.2  |
| 4 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 2.5  |
| 5 | <input type="checkbox"/> |       |            | 138.89 |       | P        | 16.9 |
| 6 | <input type="checkbox"/> |       |            | 147.78 |       | P        | 11.4 |
| 7 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 13.4 |
| 8 | <input type="checkbox"/> |       |            | 218.90 |       | P        | 18.0 |
| 9 | <input type="checkbox"/> |       |            | 184.45 |       | P        | 1.0  |

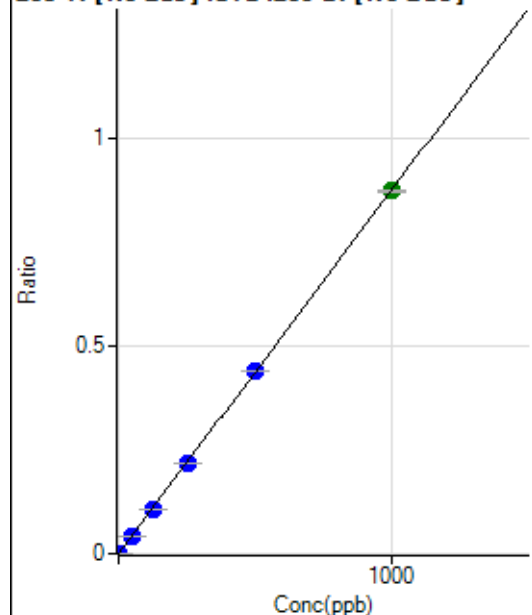
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 10.8 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 20.8 |
| 4 | <input type="checkbox"/> |       |            | 47.23  |       | P        | 20.4 |
| 5 | <input type="checkbox"/> |       |            | 47.23  |       | P        | 97.2 |
| 6 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 28.7 |
| 7 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 28.6 |
| 8 | <input type="checkbox"/> |       |            | 158.34 |       | P        | 13.9 |
| 9 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 37.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 44.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 72.9 |
| 4 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 50.8 |
| 5 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 11.1 |
| 6 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 44.1 |
| 7 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 10.8 |
| 8 | <input type="checkbox"/> |       |            | 76.67 |       | P        | 26.4 |
| 9 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 12.4 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 211.12     | 0.0000 | P    | 20.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.947      | 8047.24    | 0.0009 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.859     | 406389.31  | 0.0427 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.191    | 1014814.72 | 0.1085 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.015    | 2021563.91 | 0.2184 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 503.710    | 4019221.27 | 0.4400 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.299    | 7769219.27 | 0.8721 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 4259.19    | 0.0005 | P    | 2.0  |

$$y = 8.7356E-004 * x + 2.3703E-005$$

$$R = 1.0000$$

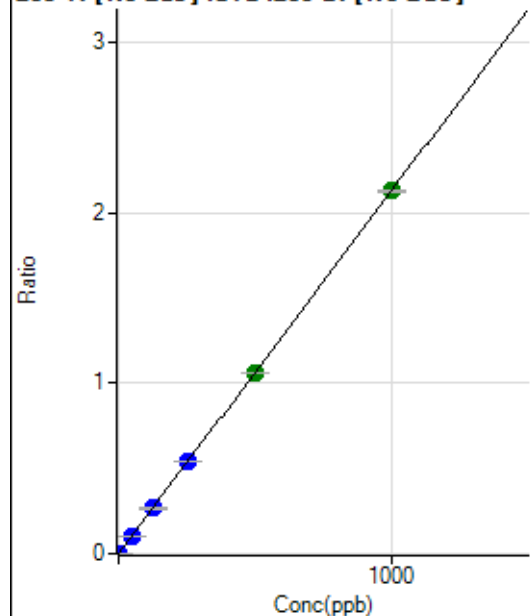
$$DL = 0.01639$$

$$BEC = 0.02713$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 372.24      | 0.0000 | P    | 31.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 19300.97    | 0.0020 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.957     | 992090.30   | 0.1043 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.776    | 2484329.74  | 0.2656 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 254.078    | 5005930.02  | 0.5409 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 498.391    | 9690359.07  | 1.0609 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.865    | 18961235.49 | 2.1284 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 10079.22    | 0.0012 | P    | 4.0  |

$$y = 0.0021 * x + 4.1795E-005$$

$$R = 1.0000$$

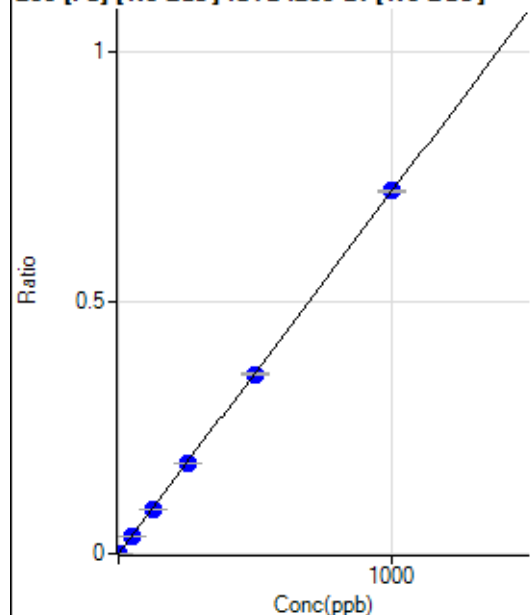
$$DL = 0.01847$$

$$BEC = 0.01963$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 633.37     | 0.0001 | P    | 3.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 6842.70    | 0.0007 | P    | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.491     | 333097.96  | 0.0350 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.137    | 830267.47  | 0.0888 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 247.912    | 1653592.22 | 0.1787 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 496.556    | 3267964.08 | 0.3578 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.553   | 6434734.58 | 0.7223 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 35044.75   | 0.0043 | P    | 1.8 |

$$y = 7.2041\text{E-}004 * x + 7.1081\text{E-}005$$

$$R = 1.0000$$

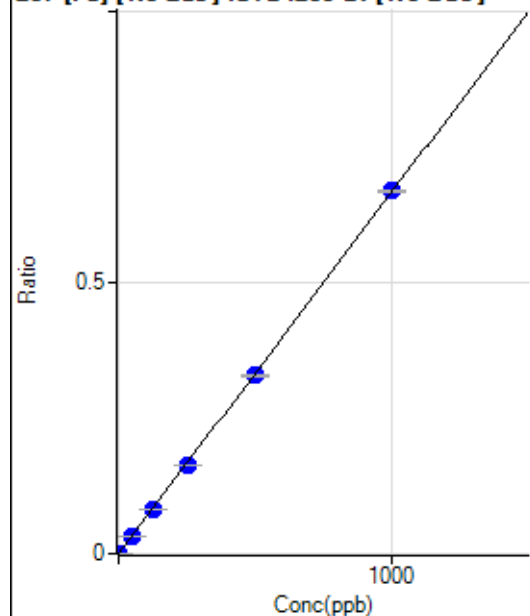
$$DL = 0.01092$$

$$BEC = 0.09867$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 535.21     | 0.0001 | P    | 3.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 6383.21    | 0.0007 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 48.358     | 306609.44  | 0.0322 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 122.213    | 760679.79  | 0.0813 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 246.540    | 1518062.35 | 0.1640 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 493.638    | 2999110.71 | 0.3284 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.477   | 5951766.22 | 0.6681 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 30273.81   | 0.0037 | P    | 1.3 |

$$y = 6.6506\text{E-}004 * x + 6.0069\text{E-}005$$

$$R = 1.0000$$

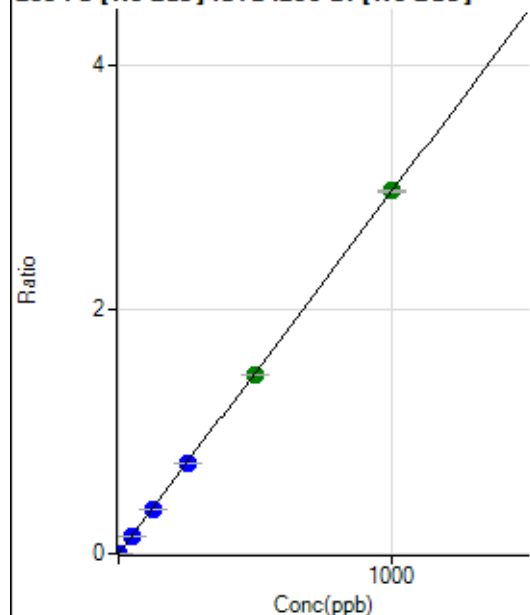
$$DL = 0.00977$$

$$BEC = 0.09032$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2542.78     | 0.0003 | P        | 3.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.914      | 28308.94    | 0.0030 | P        | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 48.708     | 1376771.71  | 0.1447 | P        | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 123.339    | 3422182.40  | 0.3659 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 249.351    | 6844100.31  | 0.7395 | P        | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 495.847    | 13428643.06 | 1.4702 | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.511   | 26478313.73 | 2.9723 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 140413.25   | 0.0171 | P        | 0.9 |

$$y = 0.0030 * x + 2.8536E-004$$

$$R = 1.0000$$

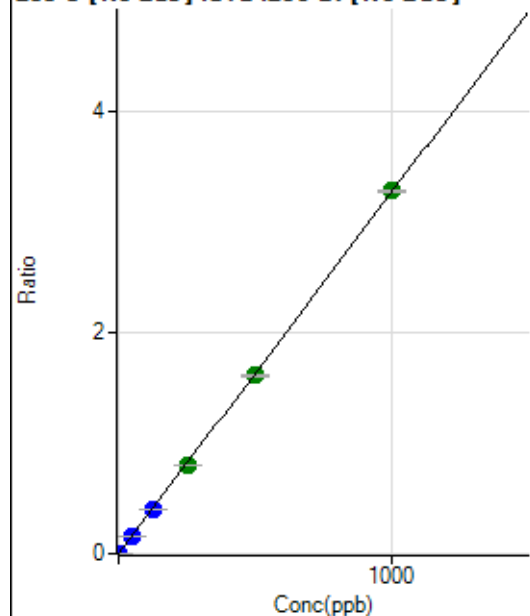
$$DL = 0.009693$$

$$BEC = 0.09626$$

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      | 602.82      | 0.0001 | P        | 37.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.878      | 27772.11    | 0.0029 | P        | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.710     | 1484274.88  | 0.1560 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.699    | 3750492.57  | 0.4010 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 245.538    | 7426783.15  | 0.8025 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 493.709    | 14736532.80 | 1.6134 | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.663   | 29248352.74 | 3.2832 | A        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 3986.91     | 0.0005 | P        | 4.0  |

$$y = 0.0033 * x + 6.7690E-005$$

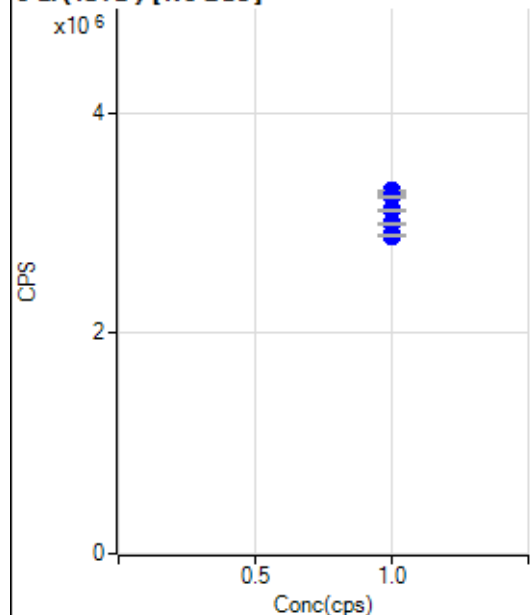
$$R = 1.0000$$

$$DL = 0.02344$$

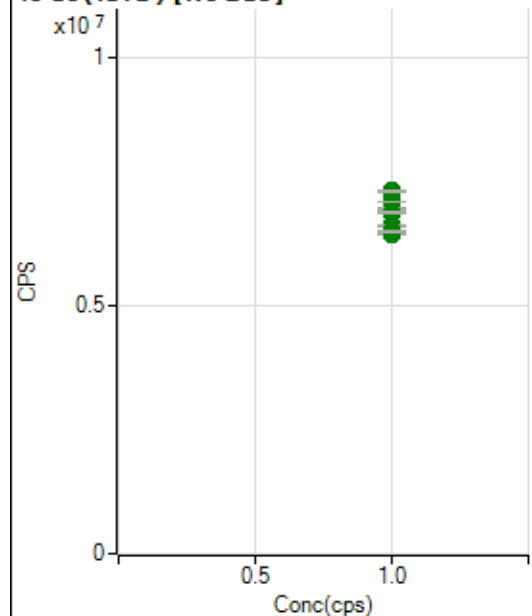
$$BEC = 0.02071$$

Weight: &lt;None&gt;

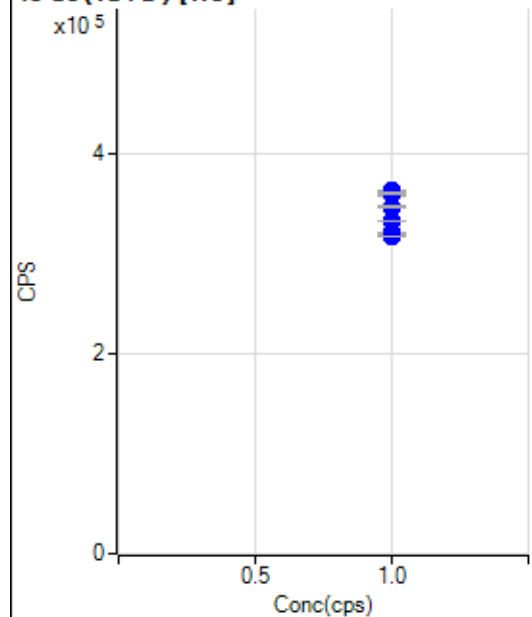
Min Conc: 0

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

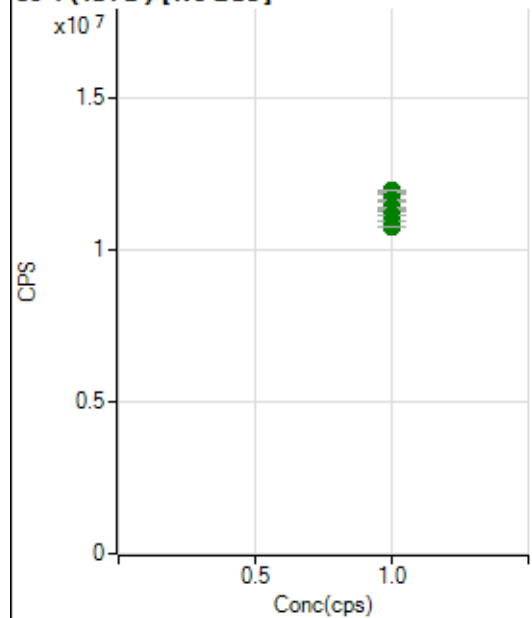
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3272906.62 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3276677.66 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3293057.38 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3244990.19 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3122012.38 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2997623.08 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2895338.22 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2882862.56 |       | P        | 0.6 |

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

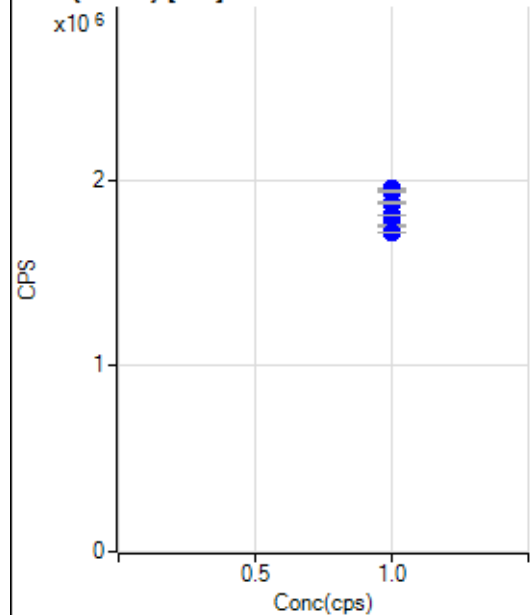
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6946834.53 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7299470.04 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7284647.21 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7086678.98 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6866308.66 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6602527.40 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6440757.26 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6492531.14 |       | A        | 0.6 |

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

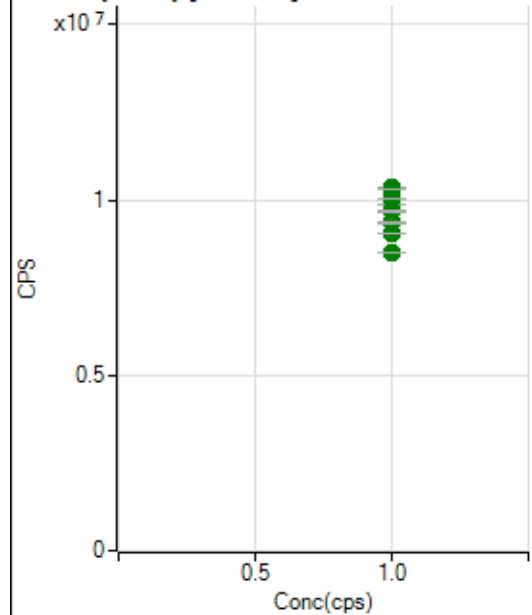
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 359972.23 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 363224.07 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 360682.20 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 347089.92 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 333459.91 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 321913.54 |       | P        | 0.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 320875.35 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 317713.63 |       | P        | 0.4 |

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

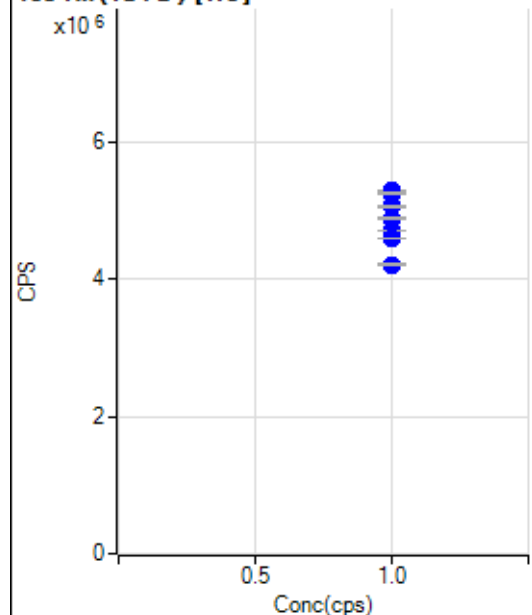
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11296147.89 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11892562.74 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11961379.54 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11637450.24 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11392126.50 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11153975.39 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10955631.78 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10751369.84 |       | A        | 0.1 |

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

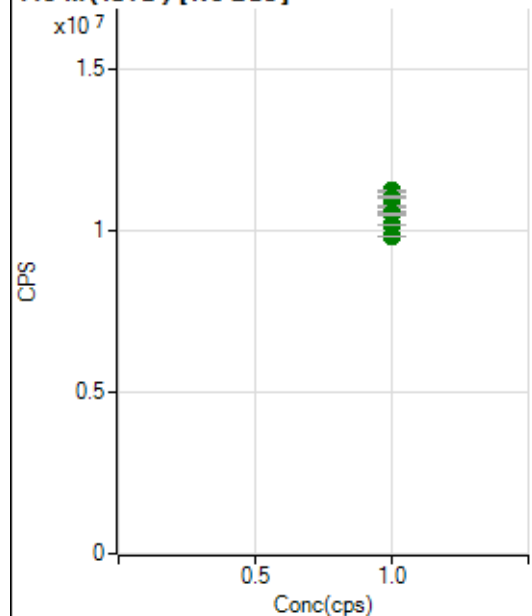
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1939890.11 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1953260.41 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1943396.15 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1877886.97 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1812962.16 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1754974.80 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1756433.29 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1721558.65 |       | P        | 0.2 |

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

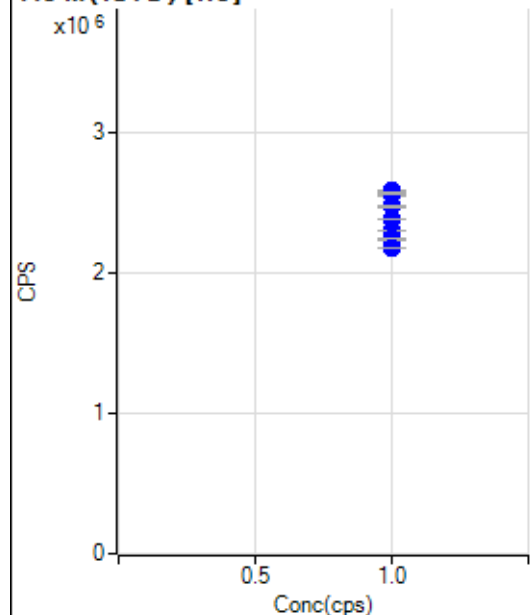
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9854505.52  |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10338067.77 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10304100.92 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10023922.53 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9673395.10  |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9359529.89  |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9037909.32  |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8488235.87  |       | A        | 0.4 |

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

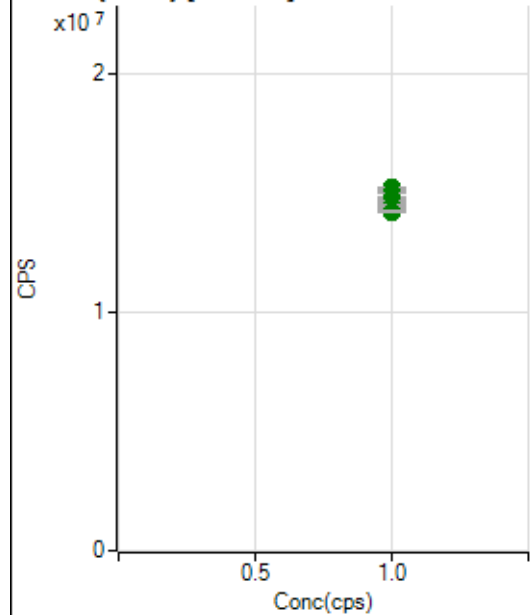
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5257619.30 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5295760.89 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5267048.98 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5067729.54 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4896652.04 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4719568.82 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4606659.62 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4222469.94 |       | P        | 0.2 |

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

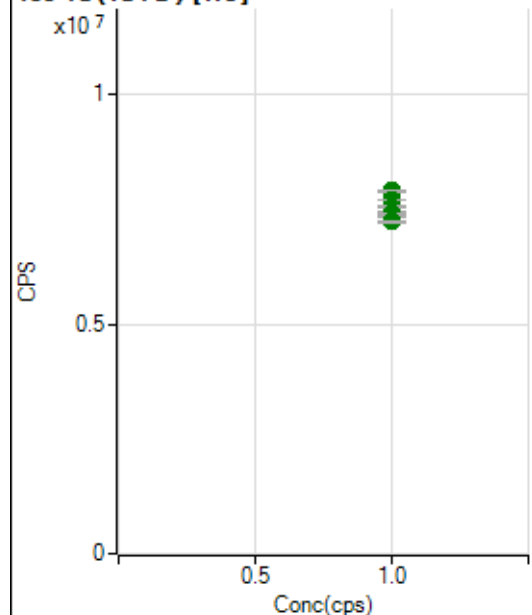
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10580926.17 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11193517.57 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11218608.91 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11023327.58 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10726879.08 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10496801.39 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10164393.55 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9807772.13  |       | A        | 0.4 |

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

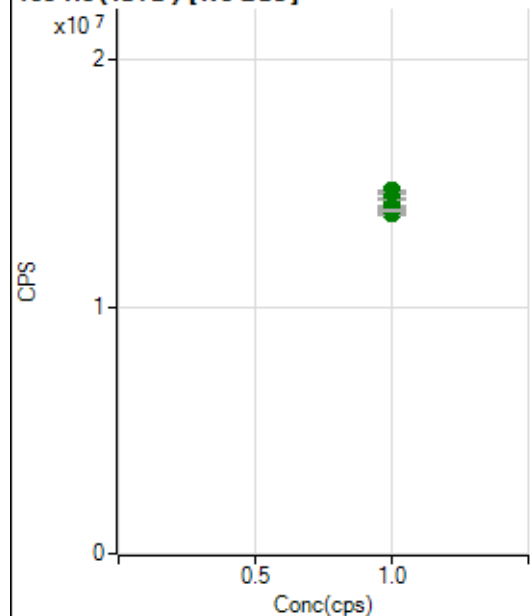
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2567816.21 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2588013.88 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2575458.79 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2478049.46 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2384712.73 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2299212.97 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2245204.85 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2178038.37 |       | P        | 0.2 |

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

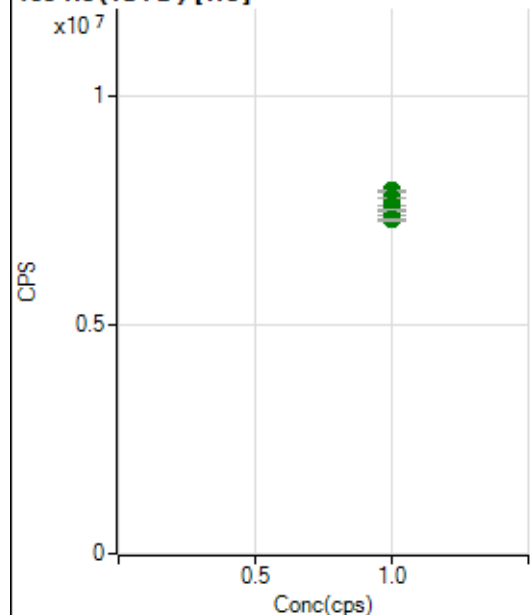
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14317774.51 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15038574.22 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15223642.00 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15015461.17 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14773864.22 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14646290.76 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14476147.84 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14213324.65 |       | A        | 0.4 |

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

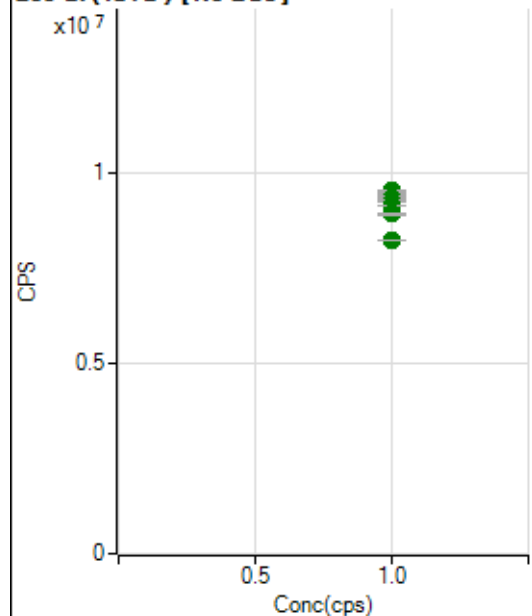
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7341064.13 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7887061.27 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7907741.89 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7708009.61 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7560434.05 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7434250.38 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7413353.01 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7238686.56 |       | A        | 0.5 |

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

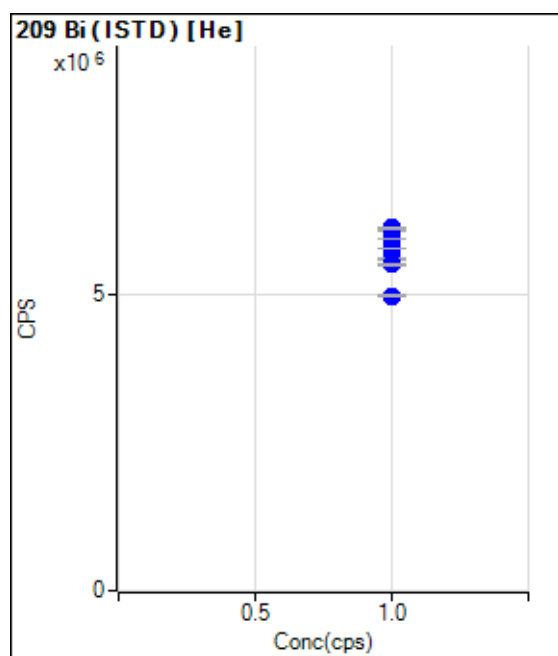
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13765550.65 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 14656067.00 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14689528.45 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14582789.73 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14378105.18 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14337566.64 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14035942.50 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 13901420.28 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7407361.90 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7901954.19 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7932236.20 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7775211.20 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7622088.22 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7524833.01 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7505970.44 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7302912.32 |       | A        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8910919.94 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9452810.35 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9516058.68 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9352114.10 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9255172.64 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9133643.41 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8908728.55 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8219578.35 |       | A        | 0.3 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6086269.77 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6102745.19 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6124395.33 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5946174.49 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5774861.44 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5605379.08 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5509825.96 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4979515.24 |       | P        | 0.2 |

US EPA Tune Check Sample Report

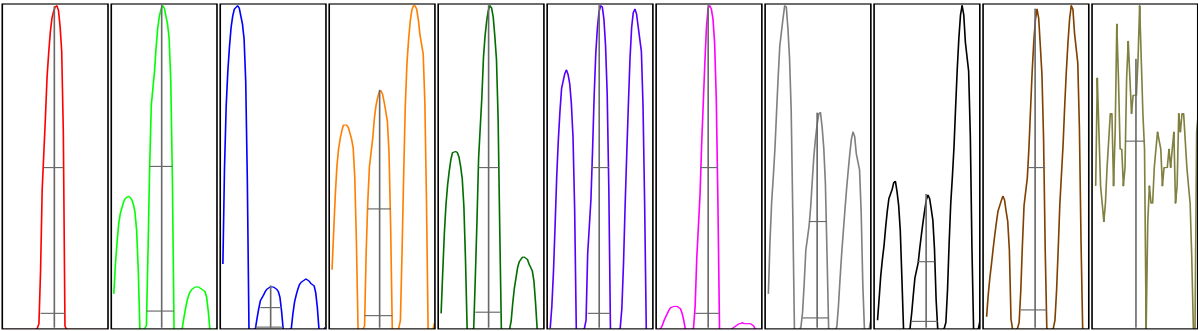
Batch Folder D:\ICP-MS Data\P7053118 MS .bb  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 7218            | 1.11             | 5.00               |                |
| 24   | 116097          | 0.81             | 5.00               |                |
| 25   | 15297           | 0.96             | 5.00               |                |
| 26   | 18095           | 0.91             | 5.00               |                |
| 59   | 60668           | 0.80             | 5.00               |                |
| 113  | 7721            | 0.50             | 5.00               |                |
| 115  | 105607          | 1.33             | 5.00               |                |
| 206  | 23285           | 0.51             | 5.00               |                |
| 207  | 21034           | 0.79             | 5.00               |                |
| 208  | 50267           | 0.93             | 5.00               |                |
| 220  | 1               | 12.07            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 7090                 | 7198                 | 7235                 | 7291                 | 7276                 |
| 24   | 116258               | 117608               | 115165               | 115534               | 115923               |
| 25   | 15386                | 15497                | 15120                | 15255                | 15229                |
| 26   | 18177                | 18320                | 17928                | 17945                | 18104                |
| 59   | 60007                | 60324                | 60843                | 61091                | 61076                |
| 113  | 7749                 | 7771                 | 7679                 | 7713                 | 7692                 |
| 115  | 107063               | 106701               | 105841               | 104812               | 103621               |
| 206  | 23195                | 23143                | 23282                | 23389                | 23417                |
| 207  | 20829                | 20916                | 21044                | 21154                | 21230                |
| 208  | 49612                | 50207                | 50275                | 50306                | 50935                |
| 220  | 1                    | 1                    | 0                    | 1                    | 1                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 12625          | 9.00             | 8.9 - 9.1          |                | 0.736                | 0.900                  |                        |
| 24   | 190406         | 23.95            | 23.9 - 24.1        |                | 0.784                | 0.900                  |                        |
| 25   | 25300          | 24.95            | 24.9 - 25.1        |                | 0.785                | 0.900                  |                        |
| 26   | 29483          | 25.95            | 25.9 - 26.1        |                | 0.787                | 0.900                  |                        |
| 59   | 108492         | 58.95            | 58.9 - 59.1        |                | 0.777                | 0.900                  |                        |
| 113  | 15622          | 113.00           | 112.9 - 113.1      |                | 0.689                | 0.900                  |                        |
| 115  | 215934         | 115.00           | 114.9 - 115.1      |                | 0.709                | 0.900                  |                        |
| 206  | 46794          | 206.00           | 205.9 - 206.1      |                | 0.761                | 0.900                  |                        |
| 207  | 42859          | 207.00           | 206.9 - 207.1      |                | 0.767                | 0.900                  |                        |
| 208  | 102962         | 208.00           | 207.9 - 208.1      |                | 0.769                | 0.900                  |                        |
| 220  | 1              | 219.75           | -                  |                |                      |                        |                        |

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.0   | V    | Deflect       | 15.4  | V    |
| Extract 2     | -155.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -70    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 190   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 17138           | 0.44             |                    |
| 89   | 42242           | 0.28             |                    |
| 205  | 21170           | 0.42             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 17064                | 17153                | 17100                | 17114                | 17260                |
| 89   | 42347                | 42267                | 42098                | 42360                | 42138                |
| 205  | 21141                | 21229                | 21042                | 21275                | 21165                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.1   | V    | Deflect       | 2.6   | V    |
| Extract 2     | -145.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -70    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 4.1   | mL/min | OctP RF       | 200   | V    |                       |       |       |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.27   | 0.09    | 0.18    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.03    | -0.03   | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.06    | -0.03   | -0.03   | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.36    | -0.30   | -0.06   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.01   | -0.05   | 0.05    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.06    | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.92   | 0.83    | 0.09    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | 0.08    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 6.69    | -0.30   | -6.39   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 6.62    | -2.48   | -4.14   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.10    | 0.09    | -0.18   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -1.54   | 1.01    | 0.53    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.02    | 0.60    | -0.62   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.01    | -0.04   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.05    | -0.02   | -0.03   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.00    | -0.05   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.02    | -0.01   | -0.02   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -10.17  | 9.52    | -7.01   | -2.55      |         | ppb   |
| Potassium  | 39-2  | 0.84    | 0.18    | -1.02   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.37    | -0.19   | -0.19   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.23    | -0.43   | 0.20    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.27    | -0.55   | 0.28    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.19   | -0.07   | 0.26    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 0.67    | 0.04    | -0.71   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | 0.02    | -0.04   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.05    | 0.00    | -0.05   | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 209.38  | 230.43  | 253.30  | 231.04     | 9.51    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.03   | 0.03    | -0.01   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | -0.07   | 0.17    | -0.10   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.83   | 21.06   | 19.92   | 20.27      | 3.38    | ppb   |
| Antimony   | 121-1 | 1.97    | 1.98    | 1.86    | 1.93       | 3.48    | ppb   |
| Arsenic    | 75-2  | 0.94    | 1.03    | 0.95    | 0.97       | 5.20    | ppb   |
| Barium     | 135-1 | 9.35    | 9.36    | 9.37    | 9.36       | 0.07    | ppb   |
| Barium     | 137-1 | 9.49    | 9.48    | 9.34    | 9.44       | 0.88    | ppb   |
| Beryllium  | 9-1   | 1.18    | 1.03    | 1.06    | 1.09       | 7.22    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 21.51   | 23.09   | 25.38   | 23.33      | 8.35    | ppb   |
| Boron      | 11-1  | 23.09   | 23.40   | 24.56   | 23.68      | 3.27    | ppb   |
| Cadmium    | 111-1 | 1.13    | 0.91    | 0.97    | 1.00       | 10.98   | ppb   |
| Cadmium    | 106-1 | 2.17    | -0.22   | 0.16    | 0.70       | 182.40  | ppb   |
| Cadmium    | 108-1 | 0.88    | 1.23    | 0.93    | 1.01       | 18.61   | ppb   |
| Calcium    | 43-1  | 468.39  | 453.51  | 431.92  | 451.28     | 4.06    | ppb   |
| Calcium    | 44-1  | 437.30  | 432.01  | 435.23  | 434.85     | 0.61    | ppb   |
| Chromium   | 52-2  | 2.06    | 2.04    | 2.04    | 2.05       | 0.50    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.99    | 1.00    | 0.99       | 1.27    | ppb   |
| Copper     | 63-2  | 1.88    | 1.96    | 1.99    | 1.94       | 2.95    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 47.62   | 47.62   | 48.50   | 47.91      | 1.07    | ppb   |
| Iron       | 57-2  | 47.03   | 47.94   | 50.12   | 48.37      | 3.28    | ppb   |
| Lead       | 206-1 | 0.94    | 0.90    | 0.88    | 0.91       | 3.74    | ppb   |
| Lead       | 207-1 | 0.93    | 0.93    | 0.91    | 0.93       | 1.39    | ppb   |
| Lead       | 208-1 | 0.93    | 0.90    | 0.91    | 0.91       | 1.82    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 466.82  | 469.86  | 480.73  | 472.47     | 1.55    | ppb   |
| Manganese  | 55-2  | 0.90    | 0.82    | 0.94    | 0.89       | 7.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.91    | 4.79    | 4.83    | 4.84       | 1.23    | ppb   |
| Molybdenum | 95-1  | 4.74    | 4.62    | 4.82    | 4.72       | 2.11    | ppb   |
| Molybdenum | 96-1  | 4.53    | 4.61    | 4.62    | 4.59       | 0.98    | ppb   |
| Molybdenum | 97-1  | 4.65    | 4.74    | 4.58    | 4.66       | 1.68    | ppb   |
| Molybdenum | 98-1  | 4.64    | 4.62    | 4.75    | 4.67       | 1.56    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.98    | 1.14    | 1.01    | 1.04       | 7.89    | ppb   |
| Phosphorus | 31-2  | 9.22    | 2.04    | -3.59   | 2.55       | 251.32  | ppb   |
| Potassium  | 39-2  | 485.00  | 484.98  | 484.93  | 484.97     | 0.01    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 6.50    | 6.46    | 4.21    | 5.72       | 22.91   | ppb   |
| Selenium   | 78-2  | 6.01    | 4.58    | 4.69    | 5.10       | 15.59   | ppb   |
| Selenium   | 82-1  | 4.95    | 3.82    | 5.64    | 4.80       | 19.21   | ppb   |
| Silicon    | 28-1  | 12.80   | 12.31   | 13.13   | 12.75      | 3.21    | ppb   |
| Silver     | 109-1 | 1.05    | 1.04    | 1.03    | 1.04       | 1.27    | ppb   |
| Silver     | 107-1 | 1.07    | 1.07    | 1.01    | 1.05       | 3.39    | ppb   |
| Sodium     | 23-2  | 470.84  | 475.70  | 469.29  | 471.94     | 0.71    | ppb   |
| Strontium  | 86-1  | 0.85    | 0.93    | 0.87    | 0.88       | 4.30    | ppb   |
| Strontium  | 88-1  | 0.87    | 0.87    | 0.88    | 0.87       | 0.84    | ppb   |
| Sulfur     | 34-1  | -244.63 | -259.50 | -188.98 | -231.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.95    | 0.94    | 0.94    | 0.95       | 0.67    | ppb   |
| Thallium   | 205-1 | 0.98    | 0.93    | 0.91    | 0.94       | 4.06    | ppb   |
| Tin        | 118-1 | 4.89    | 4.81    | 4.93    | 4.88       | 1.27    | ppb   |
| Titanium   | 47-1  | 4.79    | 4.77    | 4.51    | 4.69       | 3.40    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.89    | 0.87    | 0.88       | 0.83    | ppb   |
| Vanadium   | 51-2  | 4.77    | 4.67    | 4.64    | 4.70       | 1.48    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 1.65    | 1.80    | 1.75    | 1.73       | 4.53    | ppb   |
| Zirconium  | 90-1  | 0.98    | 1.01    | 0.95    | 0.98       | 2.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.07    | 0.85    | 1.01    | 0.98       | 11.77   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:00:07 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1013.64 | 1010.45 | 999.06  | 1007.72    | 0.76    | ppb   |
| Antimony   | 121-1 | 51.09   | 50.81   | 51.11   | 51.00      | 0.32    | ppb   |
| Arsenic    | 75-2  | 51.79   | 51.96   | 52.17   | 51.97      | 0.37    | ppb   |
| Barium     | 135-1 | 255.20  | 250.98  | 254.90  | 253.69     | 0.93    | ppb   |
| Barium     | 137-1 | 254.09  | 254.77  | 254.14  | 254.33     | 0.15    | ppb   |
| Beryllium  | 9-1   | 52.47   | 52.32   | 52.94   | 52.57      | 0.61    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 46.27   | 48.31   | 51.03   | 48.54      | 4.92    | ppb   |
| Boron      | 11-1  | 49.35   | 50.39   | 51.47   | 50.40      | 2.11    | ppb   |
| Cadmium    | 111-1 | 53.27   | 52.64   | 52.95   | 52.95      | 0.59    | ppb   |
| Cadmium    | 106-1 | 51.80   | 53.65   | 52.37   | 52.61      | 1.81    | ppb   |
| Cadmium    | 108-1 | 54.53   | 51.60   | 55.03   | 53.72      | 3.45    | ppb   |
| Calcium    | 43-1  | 4806.39 | 4873.70 | 4914.71 | 4864.93    | 1.12    | ppb   |
| Calcium    | 44-1  | 4870.10 | 4888.48 | 4878.23 | 4878.94    | 0.19    | ppb   |
| Chromium   | 52-2  | 51.15   | 50.76   | 50.80   | 50.90      | 0.42    | ppb   |
| Cobalt     | 59-2  | 51.95   | 51.39   | 51.45   | 51.59      | 0.59    | ppb   |
| Copper     | 63-2  | 104.67  | 102.38  | 101.57  | 102.88     | 1.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2659.82 | 2616.50 | 2606.46 | 2627.59    | 1.08    | ppb   |
| Iron       | 57-2  | 2656.13 | 2611.22 | 2596.94 | 2621.43    | 1.18    | ppb   |
| Lead       | 206-1 | 48.63   | 48.50   | 48.34   | 48.49      | 0.31    | ppb   |
| Lead       | 207-1 | 48.69   | 48.20   | 48.18   | 48.36      | 0.60    | ppb   |
| Lead       | 208-1 | 48.95   | 48.57   | 48.61   | 48.71      | 0.43    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 5014.72 | 4977.31 | 4957.22 | 4983.09    | 0.59    | ppb   |
| Manganese  | 55-2  | 101.54  | 101.65  | 100.80  | 101.33     | 0.46    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:00:07 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 251.57  | 251.66  | 251.77  | 251.67     | 0.04    | ppb   |
| Molybdenum | 95-1  | 251.65  | 248.40  | 251.83  | 250.63     | 0.77    | ppb   |
| Molybdenum | 96-1  | 250.07  | 248.66  | 249.53  | 249.42     | 0.29    | ppb   |
| Molybdenum | 97-1  | 247.02  | 247.13  | 248.95  | 247.70     | 0.44    | ppb   |
| Molybdenum | 98-1  | 249.94  | 247.56  | 250.14  | 249.21     | 0.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.18   | 53.26   | 52.19   | 52.88      | 1.12    | ppb   |
| Phosphorus | 31-2  | 1002.89 | 1029.42 | 945.64  | 992.65     | 4.31    | ppb   |
| Potassium  | 39-2  | 2579.92 | 2567.86 | 2562.52 | 2570.10    | 0.35    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 56.07   | 44.64   | 54.98   | 51.90      | 12.16   | ppb   |
| Selenium   | 78-2  | 55.57   | 56.06   | 52.22   | 54.62      | 3.82    | ppb   |
| Selenium   | 82-1  | 52.66   | 51.45   | 54.11   | 52.74      | 2.53    | ppb   |
| Silicon    | 28-1  | 58.58   | 58.92   | 59.59   | 59.03      | 0.88    | ppb   |
| Silver     | 109-1 | 54.04   | 52.92   | 53.40   | 53.45      | 1.05    | ppb   |
| Silver     | 107-1 | 54.05   | 53.01   | 53.63   | 53.56      | 0.98    | ppb   |
| Sodium     | 23-2  | 5055.46 | 5045.67 | 5019.09 | 5040.07    | 0.37    | ppb   |
| Strontium  | 86-1  | 49.62   | 49.37   | 50.11   | 49.70      | 0.75    | ppb   |
| Strontium  | 88-1  | 50.54   | 50.09   | 50.35   | 50.33      | 0.45    | ppb   |
| Sulfur     | 34-1  | 1009.28 | 1089.13 | 1082.17 | 1060.19    | 4.17    | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 48.78   | 48.65   | 49.14   | 48.86      | 0.51    | ppb   |
| Thallium   | 205-1 | 49.12   | 48.74   | 49.01   | 48.96      | 0.40    | ppb   |
| Tin        | 118-1 | 50.95   | 50.24   | 50.92   | 50.70      | 0.79    | ppb   |
| Titanium   | 47-1  | 252.77  | 254.88  | 253.97  | 253.87     | 0.42    | ppb   |
| Uranium    | 238-1 | 47.86   | 47.65   | 47.61   | 47.71      | 0.28    | ppb   |
| Vanadium   | 51-2  | 51.19   | 50.07   | 49.70   | 50.32      | 1.54    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 104.79  | 102.15  | 101.62  | 102.85     | 1.65    | ppb   |
| Zirconium  | 90-1  | 49.05   | 49.04   | 49.42   | 49.17      | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:00:07 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.96   | 48.95   | 49.63   | 49.18      | 0.79    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:04:14 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2529.91  | 2518.78  | 2544.85  | 2531.18    | 0.52    | ppb   |
| Antimony   | 121-1 | 127.28   | 127.46   | 127.35   | 127.36     | 0.07    | ppb   |
| Arsenic    | 75-2  | 128.91   | 129.85   | 127.09   | 128.62     | 1.09    | ppb   |
| Barium     | 135-1 | 632.21   | 635.53   | 630.14   | 632.63     | 0.43    | ppb   |
| Barium     | 137-1 | 640.94   | 649.43   | 639.69   | 643.35     | 0.82    | ppb   |
| Beryllium  | 9-1   | 132.33   | 131.45   | 131.39   | 131.73     | 0.40    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 120.57   | 128.87   | 122.11   | 123.85     | 3.56    | ppb   |
| Boron      | 11-1  | 122.89   | 124.68   | 126.67   | 124.75     | 1.51    | ppb   |
| Cadmium    | 111-1 | 131.65   | 134.43   | 132.01   | 132.70     | 1.14    | ppb   |
| Cadmium    | 106-1 | 130.34   | 136.46   | 133.83   | 133.55     | 2.30    | ppb   |
| Cadmium    | 108-1 | 134.01   | 132.11   | 135.32   | 133.81     | 1.20    | ppb   |
| Calcium    | 43-1  | 12254.74 | 12553.39 | 12178.41 | 12328.85   | 1.61    | ppb   |
| Calcium    | 44-1  | 12465.59 | 12504.87 | 12249.55 | 12406.67   | 1.11    | ppb   |
| Chromium   | 52-2  | 126.55   | 127.23   | 127.44   | 127.07     | 0.36    | ppb   |
| Cobalt     | 59-2  | 128.52   | 128.46   | 127.41   | 128.13     | 0.49    | ppb   |
| Copper     | 63-2  | 258.13   | 257.04   | 257.71   | 257.62     | 0.21    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 6588.73  | 6591.16  | 6573.11  | 6584.33    | 0.15    | ppb   |
| Iron       | 57-2  | 6591.23  | 6628.49  | 6580.78  | 6600.17    | 0.38    | ppb   |
| Lead       | 206-1 | 122.79   | 122.58   | 124.04   | 123.14     | 0.64    | ppb   |
| Lead       | 207-1 | 122.46   | 121.27   | 122.91   | 122.21     | 0.70    | ppb   |
| Lead       | 208-1 | 123.24   | 122.92   | 123.86   | 123.34     | 0.39    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 12633.82 | 12664.32 | 12754.91 | 12684.35   | 0.50    | ppb   |
| Manganese  | 55-2  | 256.49   | 252.02   | 254.57   | 254.36     | 0.88    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:04:14 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 640.11   | 638.16   | 640.33   | 639.53     | 0.19    | ppb   |
| Molybdenum | 95-1  | 634.92   | 638.84   | 640.59   | 638.12     | 0.45    | ppb   |
| Molybdenum | 96-1  | 635.00   | 634.88   | 635.96   | 635.28     | 0.09    | ppb   |
| Molybdenum | 97-1  | 619.18   | 629.42   | 626.16   | 624.92     | 0.84    | ppb   |
| Molybdenum | 98-1  | 634.94   | 636.13   | 635.50   | 635.52     | 0.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.01   | 130.94   | 130.05   | 130.67     | 0.41    | ppb   |
| Phosphorus | 31-2  | 2483.50  | 2623.37  | 2688.17  | 2598.35    | 4.03    | ppb   |
| Potassium  | 39-2  | 6409.28  | 6412.88  | 6440.22  | 6420.79    | 0.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 138.88   | 118.19   | 136.25   | 131.10     | 8.59    | ppb   |
| Selenium   | 78-2  | 129.15   | 129.55   | 136.17   | 131.62     | 2.99    | ppb   |
| Selenium   | 82-1  | 131.07   | 131.11   | 131.94   | 131.37     | 0.38    | ppb   |
| Silicon    | 28-1  | 152.25   | 153.04   | 148.31   | 151.20     | 1.68    | ppb   |
| Silver     | 109-1 | 132.14   | 132.37   | 132.26   | 132.26     | 0.09    | ppb   |
| Silver     | 107-1 | 133.27   | 132.85   | 132.84   | 132.98     | 0.18    | ppb   |
| Sodium     | 23-2  | 12768.98 | 12767.67 | 12774.17 | 12770.27   | 0.03    | ppb   |
| Strontium  | 86-1  | 126.67   | 126.76   | 127.20   | 126.88     | 0.22    | ppb   |
| Strontium  | 88-1  | 127.72   | 127.30   | 127.65   | 127.56     | 0.18    | ppb   |
| Sulfur     | 34-1  | 2672.52  | 2683.14  | 2634.36  | 2663.34    | 0.96    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 124.44   | 124.10   | 124.03   | 124.19     | 0.18    | ppb   |
| Thallium   | 205-1 | 124.23   | 124.06   | 126.04   | 124.78     | 0.88    | ppb   |
| Tin        | 118-1 | 126.43   | 127.19   | 125.62   | 126.41     | 0.62    | ppb   |
| Titanium   | 47-1  | 636.56   | 636.94   | 631.09   | 634.87     | 0.52    | ppb   |
| Uranium    | 238-1 | 121.77   | 123.12   | 123.21   | 122.70     | 0.66    | ppb   |
| Vanadium   | 51-2  | 125.30   | 125.70   | 125.61   | 125.54     | 0.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 258.99   | 260.64   | 259.23   | 259.62     | 0.34    | ppb   |
| Zirconium  | 90-1  | 125.18   | 126.01   | 124.55   | 125.25     | 0.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:04:14 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 125.69  | 125.04  | 125.35  | 125.36     | 0.26    | ppb   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P7  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:08:03 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5013.80  | 4995.32  | 5053.18  | 5020.77    | 0.59    | ppb   |
| Antimony   | 121-1 | 256.59   | 256.35   | 256.12   | 256.35     | 0.09    | ppb   |
| Arsenic    | 75-2  | 253.76   | 254.39   | 253.38   | 253.84     | 0.20    | ppb   |
| Barium     | 135-1 | 1258.95  | 1259.27  | 1270.77  | 1263.00    | 0.53    | ppb   |
| Barium     | 137-1 | 1283.64  | 1286.56  | 1300.81  | 1290.34    | 0.71    | ppb   |
| Beryllium  | 9-1   | 258.60   | 259.75   | 256.98   | 258.44     | 0.54    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 247.90   | 254.44   | 253.42   | 251.92     | 1.40    | ppb   |
| Boron      | 11-1  | 248.75   | 251.10   | 256.21   | 252.02     | 1.51    | ppb   |
| Cadmium    | 111-1 | 261.30   | 260.29   | 262.54   | 261.38     | 0.43    | ppb   |
| Cadmium    | 106-1 | 268.52   | 265.51   | 259.99   | 264.68     | 1.63    | ppb   |
| Cadmium    | 108-1 | 263.33   | 265.03   | 260.71   | 263.02     | 0.83    | ppb   |
| Calcium    | 43-1  | 24313.46 | 24297.87 | 24200.39 | 24270.58   | 0.25    | ppb   |
| Calcium    | 44-1  | 24456.54 | 24531.46 | 24636.50 | 24541.50   | 0.37    | ppb   |
| Chromium   | 52-2  | 252.13   | 253.28   | 253.60   | 253.00     | 0.31    | ppb   |
| Cobalt     | 59-2  | 254.86   | 252.98   | 255.10   | 254.31     | 0.46    | ppb   |
| Copper     | 63-2  | 509.27   | 512.10   | 509.82   | 510.40     | 0.29    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 13206.12 | 13076.32 | 13233.96 | 13172.13   | 0.64    | ppb   |
| Iron       | 57-2  | 13162.61 | 13091.93 | 13151.38 | 13135.30   | 0.29    | ppb   |
| Lead       | 206-1 | 247.47   | 246.86   | 249.41   | 247.91     | 0.54    | ppb   |
| Lead       | 207-1 | 246.92   | 244.75   | 247.95   | 246.54     | 0.66    | ppb   |
| Lead       | 208-1 | 249.06   | 248.52   | 250.48   | 249.35     | 0.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 25460.35 | 25185.30 | 25161.91 | 25269.19   | 0.66    | ppb   |
| Manganese  | 55-2  | 508.00   | 505.27   | 507.35   | 506.87     | 0.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:08:03 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1279.16  | 1288.91  | 1285.68  | 1284.59    | 0.39    | ppb   |
| Molybdenum | 95-1  | 1277.62  | 1280.80  | 1279.51  | 1279.31    | 0.13    | ppb   |
| Molybdenum | 96-1  | 1267.49  | 1277.94  | 1280.08  | 1275.17    | 0.53    | ppb   |
| Molybdenum | 97-1  | 1247.18  | 1257.71  | 1259.35  | 1254.75    | 0.53    | ppb   |
| Molybdenum | 98-1  | 1247.48  | 1257.19  | 1254.78  | 1253.15    | 0.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 258.88   | 260.22   | 256.33   | 258.48     | 0.77    | ppb   |
| Phosphorus | 31-2  | 5132.60  | 4999.33  | 5189.87  | 5107.26    | 1.91    | ppb   |
| Potassium  | 39-2  | 12752.55 | 12707.28 | 12662.78 | 12707.54   | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 258.38   | 254.15   | 261.67   | 258.07     | 1.46    | ppb   |
| Selenium   | 78-2  | 266.60   | 257.14   | 266.33   | 263.36     | 2.04    | ppb   |
| Selenium   | 82-1  | 258.54   | 259.86   | 262.22   | 260.21     | 0.72    | ppb   |
| Silicon    | 28-1  | 294.06   | 298.82   | 298.01   | 296.96     | 0.86    | ppb   |
| Silver     | 109-1 | 261.33   | 260.11   | 261.86   | 261.10     | 0.34    | ppb   |
| Silver     | 107-1 | 261.66   | 262.52   | 262.06   | 262.08     | 0.16    | ppb   |
| Sodium     | 23-2  | 25635.53 | 25563.87 | 25411.03 | 25536.81   | 0.45    | ppb   |
| Strontium  | 86-1  | 251.54   | 250.26   | 253.52   | 251.77     | 0.65    | ppb   |
| Strontium  | 88-1  | 256.24   | 255.38   | 257.61   | 256.41     | 0.44    | ppb   |
| Sulfur     | 34-1  | 5133.18  | 5004.79  | 5045.89  | 5061.29    | 1.30    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 249.91   | 248.81   | 251.32   | 250.02     | 0.50    | ppb   |
| Thallium   | 205-1 | 253.22   | 252.96   | 256.06   | 254.08     | 0.68    | ppb   |
| Tin        | 118-1 | 251.66   | 252.20   | 252.81   | 252.22     | 0.23    | ppb   |
| Titanium   | 47-1  | 1238.67  | 1256.93  | 1260.06  | 1251.88    | 0.92    | ppb   |
| Uranium    | 238-1 | 244.79   | 245.96   | 245.86   | 245.54     | 0.26    | ppb   |
| Vanadium   | 51-2  | 249.93   | 249.69   | 250.48   | 250.03     | 0.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 518.88   | 519.01   | 522.37   | 520.09     | 0.38    | ppb   |
| Zirconium  | 90-1  | 253.27   | 255.63   | 253.31   | 254.07     | 0.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:08:03 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 250.12  | 252.47  | 251.70  | 251.43     | 0.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10024.81 | 9884.61  | 10011.63 | 9973.68    | 0.78    | ppb   |
| Antimony   | 121-1 | 507.20   | 505.12   | 507.43   | 506.58     | 0.25    | ppb   |
| Arsenic    | 75-2  | 498.53   | 504.28   | 500.85   | 501.22     | 0.58    | ppb   |
| Barium     | 135-1 | 2529.27  | 2512.25  | 2498.32  | 2513.28    | 0.62    | ppb   |
| Barium     | 137-1 | 2511.87  | 2496.83  | 2492.27  | 2500.32    | 0.41    | ppb   |
| Beryllium  | 9-1   | 506.17   | 507.08   | 502.85   | 505.37     | 0.44    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 490.17   | 500.86   | 510.22   | 500.42     | 2.00    | ppb   |
| Boron      | 11-1  | 485.86   | 505.10   | 504.44   | 498.47     | 2.19    | ppb   |
| Cadmium    | 111-1 | 505.53   | 506.64   | 511.48   | 507.88     | 0.62    | ppb   |
| Cadmium    | 106-1 | 503.05   | 510.65   | 506.19   | 506.63     | 0.75    | ppb   |
| Cadmium    | 108-1 | 516.21   | 519.20   | 507.37   | 514.26     | 1.20    | ppb   |
| Calcium    | 43-1  | 48581.80 | 48505.33 | 48392.91 | 48493.35   | 0.20    | ppb   |
| Calcium    | 44-1  | 48628.28 | 48583.64 | 48803.76 | 48671.89   | 0.24    | ppb   |
| Chromium   | 52-2  | 497.98   | 499.44   | 496.89   | 498.10     | 0.26    | ppb   |
| Cobalt     | 59-2  | 499.02   | 502.16   | 502.00   | 501.06     | 0.35    | ppb   |
| Copper     | 63-2  | 998.66   | 1006.39  | 1004.59  | 1003.21    | 0.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 25950.20 | 25820.66 | 25751.49 | 25840.78   | 0.39    | ppb   |
| Iron       | 57-2  | 25894.45 | 25971.69 | 25957.88 | 25941.34   | 0.16    | ppb   |
| Lead       | 206-1 | 497.27   | 499.10   | 493.29   | 496.56     | 0.60    | ppb   |
| Lead       | 207-1 | 496.54   | 494.52   | 489.86   | 493.64     | 0.69    | ppb   |
| Lead       | 208-1 | 495.84   | 496.95   | 494.76   | 495.85     | 0.22    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 50159.96 | 49725.41 | 49780.80 | 49888.72   | 0.47    | ppb   |
| Manganese  | 55-2  | 1000.60  | 1000.62  | 997.71   | 999.65     | 0.17    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2500.47  | 2499.22  | 2486.03  | 2495.24    | 0.32    | ppb   |
| Molybdenum | 95-1  | 2500.78  | 2501.46  | 2497.68  | 2499.97    | 0.08    | ppb   |
| Molybdenum | 96-1  | 2492.23  | 2497.60  | 2491.85  | 2493.89    | 0.13    | ppb   |
| Molybdenum | 97-1  | 2521.98  | 2524.57  | 2512.86  | 2519.80    | 0.24    | ppb   |
| Molybdenum | 98-1  | 2485.79  | 2499.87  | 2507.45  | 2497.71    | 0.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 501.75   | 504.32   | 506.11   | 504.06     | 0.43    | ppb   |
| Phosphorus | 31-2  | 10094.78 | 10179.99 | 9963.42  | 10079.39   | 1.08    | ppb   |
| Potassium  | 39-2  | 25526.93 | 25299.47 | 25333.98 | 25386.79   | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 508.16   | 484.42   | 508.35   | 500.31     | 2.75    | ppb   |
| Selenium   | 78-2  | 500.86   | 509.38   | 510.27   | 506.84     | 1.02    | ppb   |
| Selenium   | 82-1  | 511.53   | 513.30   | 507.24   | 510.69     | 0.61    | ppb   |
| Silicon    | 28-1  | 604.66   | 604.28   | 605.21   | 604.72     | 0.08    | ppb   |
| Silver     | 109-1 | 505.02   | 509.92   | 506.57   | 507.17     | 0.49    | ppb   |
| Silver     | 107-1 | 511.55   | 508.68   | 509.16   | 509.80     | 0.30    | ppb   |
| Sodium     | 23-2  | 50703.74 | 50529.87 | 50432.57 | 50555.39   | 0.27    | ppb   |
| Strontium  | 86-1  | 499.09   | 498.81   | 499.42   | 499.11     | 0.06    | ppb   |
| Strontium  | 88-1  | 505.32   | 499.04   | 498.94   | 501.10     | 0.73    | ppb   |
| Sulfur     | 34-1  | 9961.97  | 9863.52  | 9670.15  | 9831.88    | 1.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 503.49   | 504.13   | 503.52   | 503.71     | 0.07    | ppb   |
| Thallium   | 205-1 | 496.93   | 501.95   | 496.29   | 498.39     | 0.62    | ppb   |
| Tin        | 118-1 | 497.96   | 495.44   | 500.88   | 498.09     | 0.55    | ppb   |
| Titanium   | 47-1  | 2507.31  | 2507.60  | 2488.26  | 2501.06    | 0.44    | ppb   |
| Uranium    | 238-1 | 496.51   | 492.60   | 492.02   | 493.71     | 0.49    | ppb   |
| Vanadium   | 51-2  | 499.50   | 494.29   | 494.90   | 496.23     | 0.57    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 90         |         | %     |
| Zinc       | 66-2  | 1010.17  | 1008.97  | 1004.23  | 1007.79    | 0.31    | ppb   |
| Zirconium  | 90-1  | 497.17   | 494.87   | 502.35   | 498.13     | 0.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 496.30  | 494.18  | 498.40  | 496.29     | 0.43    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19893.52 | 19577.44 | 19779.98 | 19750.31   | 0.81    | ppb   |
| Antimony   | 121-1 | 990.95   | 990.47   | 1002.90  | 994.77     | 0.71    | ppb   |
| Arsenic    | 75-2  | 999.39   | 986.41   | 1007.83  | 997.88     | 1.08    | ppb   |
| Barium     | 135-1 | 4967.55  | 4968.21  | 5031.16  | 4988.97    | 0.73    | ppb   |
| Barium     | 137-1 | 4960.88  | 5001.69  | 4999.17  | 4987.24    | 0.46    | ppb   |
| Beryllium  | 9-1   | 995.84   | 997.96   | 988.91   | 994.24     | 0.48    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 982.65   | 1003.16  | 1012.90  | 999.57     | 1.54    | ppb   |
| Boron      | 11-1  | 982.47   | 1011.49  | 1006.96  | 1000.31    | 1.56    | ppb   |
| Cadmium    | 111-1 | 981.72   | 987.71   | 1006.88  | 992.10     | 1.32    | ppb   |
| Cadmium    | 106-1 | 986.04   | 985.71   | 1003.71  | 991.82     | 1.04    | ppb   |
| Cadmium    | 108-1 | 995.30   | 982.40   | 987.28   | 988.33     | 0.66    | ppb   |
| Calcium    | 43-1  | 97782.45 | 97950.23 | 97901.04 | 97877.91   | 0.09    | ppb   |
| Calcium    | 44-1  | 98622.84 | 98195.88 | 98819.67 | 98546.13   | 0.32    | ppb   |
| Chromium   | 52-2  | 1004.77  | 992.99   | 1001.92  | 999.90     | 0.61    | ppb   |
| Cobalt     | 59-2  | 1003.20  | 996.39   | 994.18   | 997.92     | 0.47    | ppb   |
| Copper     | 63-2  | 1999.34  | 1991.81  | 1992.95  | 1994.70    | 0.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 51627.83 | 51321.45 | 51498.24 | 51482.51   | 0.30    | ppb   |
| Iron       | 57-2  | 52052.26 | 51485.28 | 51704.68 | 51747.40   | 0.55    | ppb   |
| Lead       | 206-1 | 1005.27  | 993.24   | 1009.15  | 1002.55    | 0.83    | ppb   |
| Lead       | 207-1 | 1005.92  | 997.76   | 1009.75  | 1004.48    | 0.61    | ppb   |
| Lead       | 208-1 | 1005.11  | 994.15   | 1008.27  | 1002.51    | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-2  | 99804.11 | 97927.06 | 98872.72 | 98867.96   | 0.95    | ppb   |
| Manganese  | 55-2  | 2002.39  | 1989.88  | 2001.27  | 1997.85    | 0.35    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5019.10   | 4962.27  | 4994.13  | 4991.83    | 0.57    | ppb   |
| Molybdenum | 95-1  | 5020.40   | 4953.76  | 4998.88  | 4991.01    | 0.68    | ppb   |
| Molybdenum | 96-1  | 5033.16   | 4969.26  | 4984.10  | 4995.51    | 0.67    | ppb   |
| Molybdenum | 97-1  | 5018.31   | 4963.67  | 4985.12  | 4989.04    | 0.55    | ppb   |
| Molybdenum | 98-1  | 5027.82   | 4996.83  | 4972.61  | 4999.08    | 0.55    | ppb   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 995.08    | 992.82   | 997.09   | 995.00     | 0.21    | ppb   |
| Phosphorus | 31-2  | 20249.05  | 19737.74 | 19777.89 | 19921.56   | 1.43    | ppb   |
| Potassium  | 39-2  | 50318.89  | 49811.65 | 49686.22 | 49938.92   | 0.67    | ppb   |
| Rhodium    | 103-1 |           |          |          | 92         |         | %     |
| Rhodium    | 103-2 |           |          |          | 88         |         | %     |
| Scandium   | 45-1  |           |          |          | 93         |         | %     |
| Scandium   | 45-2  |           |          |          | 89         |         | %     |
| Selenium   | 77-2  | 996.69    | 1020.30  | 973.91   | 996.97     | 2.33    | ppb   |
| Selenium   | 78-2  | 1002.85   | 976.49   | 997.22   | 992.18     | 1.40    | ppb   |
| Selenium   | 82-1  | 992.21    | 991.21   | 990.09   | 991.17     | 0.11    | ppb   |
| Silicon    | 28-1  | 929.73    | 936.05   | 930.66   | 932.15     | 0.37    | ppb   |
| Silver     | 109-1 | 995.48    | 984.46   | 997.74   | 992.56     | 0.72    | ppb   |
| Silver     | 107-1 | 991.59    | 988.16   | 992.97   | 990.90     | 0.25    | ppb   |
| Sodium     | 23-2  | 101685.02 | 99815.71 | 99987.22 | 100495.98  | 1.03    | ppb   |
| Strontium  | 86-1  | 999.61    | 994.83   | 1004.92  | 999.78     | 0.50    | ppb   |
| Strontium  | 88-1  | 997.18    | 993.14   | 1002.21  | 997.51     | 0.46    | ppb   |
| Sulfur     | 34-1  | 19971.61  | 20220.20 | 19944.14 | 20045.31   | 0.76    | ppb   |
| Terbium    | 159-1 |           |          |          | 101        |         | %     |
| Terbium    | 159-2 |           |          |          | 101        |         | %     |
| Thallium   | 203-1 | 999.39    | 995.32   | 1000.19  | 998.30     | 0.26    | ppb   |
| Thallium   | 205-1 | 1001.82   | 995.21   | 1002.57  | 999.87     | 0.40    | ppb   |
| Tin        | 118-1 | 995.91    | 998.34   | 1006.30  | 1000.19    | 0.54    | ppb   |
| Titanium   | 47-1  | 4998.45   | 4992.80  | 5001.48  | 4997.57    | 0.09    | ppb   |
| Uranium    | 238-1 | 1008.46   | 999.13   | 1006.40  | 1004.66    | 0.49    | ppb   |
| Vanadium   | 51-2  | 1007.99   | 997.76   | 999.63   | 1001.79    | 0.54    | ppb   |
| Yttrium    | 89-1  |           |          |          | 97         |         | %     |
| Yttrium    | 89-2  |           |          |          | 91         |         | %     |
| Zinc       | 66-2  | 1996.76   | 1983.19  | 1989.26  | 1989.74    | 0.34    | ppb   |
| Zirconium  | 90-1  | 1001.93   | 998.94   | 998.91   | 999.93     | 0.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1000.24 | 1003.77 | 1000.47 | 1001.49    | 0.20    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:19:17 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99454.47  | 100800.31 | 99897.24  | 100050.67  | 0.69    | ppb   |
| Antimony   | 121-1 | 1.63      | 1.62      | 1.71      | 1.65       | 2.83    | ppb   |
| Arsenic    | 75-2  | 0.54      | 0.51      | 0.43      | 0.49       | 11.77   | ppb   |
| Barium     | 135-1 | 1.58      | 1.71      | 1.71      | 1.66       | 4.43    | ppb   |
| Barium     | 137-1 | 1.77      | 1.76      | 1.68      | 1.74       | 2.80    | ppb   |
| Beryllium  | 9-1   | 0.48      | 0.39      | 0.44      | 0.43       | 10.58   | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 49.07     | 42.13     | 40.28     | 43.83      | 10.57   | ppb   |
| Boron      | 11-1  | 50.09     | 42.43     | 39.70     | 44.07      | 12.22   | ppb   |
| Cadmium    | 111-1 | 0.08      | 0.08      | 0.05      | 0.07       | 28.85   | ppb   |
| Cadmium    | 106-1 | -1.02     | -1.47     | -1.26     | -1.25      |         | ppb   |
| Cadmium    | 108-1 | 0.11      | 0.42      | 0.08      | 0.20       | 91.62   | ppb   |
| Calcium    | 43-1  | 500756.82 | 503679.65 | 497415.23 | 500617.23  | 0.63    | ppb   |
| Calcium    | 44-1  | 500129.41 | 503410.80 | 497810.14 | 500450.12  | 0.56    | ppb   |
| Chromium   | 52-2  | 44.67     | 45.07     | 45.06     | 44.93      | 0.50    | ppb   |
| Cobalt     | 59-2  | 1.68      | 1.76      | 1.77      | 1.74       | 2.85    | ppb   |
| Copper     | 63-2  | 3.49      | 3.52      | 3.49      | 3.50       | 0.48    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 248104.75 | 251368.89 | 249254.90 | 249576.18  | 0.66    | ppb   |
| Iron       | 57-2  | 248964.39 | 250749.14 | 248830.42 | 249514.65  | 0.43    | ppb   |
| Lead       | 206-1 | 5.80      | 5.93      | 5.72      | 5.82       | 1.81    | ppb   |
| Lead       | 207-1 | 5.37      | 5.52      | 5.45      | 5.45       | 1.35    | ppb   |
| Lead       | 208-1 | 5.64      | 5.73      | 5.64      | 5.67       | 0.93    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 498661.63 | 502464.12 | 499533.24 | 500219.66  | 0.40    | ppb   |
| Manganese  | 55-2  | 10.68     | 10.35     | 10.33     | 10.45      | 1.89    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:19:17 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.01      | 7.11      | 6.83      | 6.98       | 2.04    | ppb   |
| Molybdenum | 95-1  | 9.42      | 9.19      | 9.19      | 9.26       | 1.42    | ppb   |
| Molybdenum | 96-1  | 9.76      | 9.96      | 9.58      | 9.77       | 1.96    | ppb   |
| Molybdenum | 97-1  | 9.19      | 9.50      | 8.99      | 9.23       | 2.79    | ppb   |
| Molybdenum | 98-1  | 9.02      | 8.75      | 9.00      | 8.92       | 1.67    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 27.72     | 27.98     | 27.55     | 27.75      | 0.78    | ppb   |
| Phosphorus | 31-2  | 13.91     | 3.94      | 7.85      | 8.56       | 58.68   | ppb   |
| Potassium  | 39-2  | 248541.43 | 250888.92 | 250444.30 | 249958.22  | 0.50    | ppb   |
| Rhodium    | 103-1 |           |           |           | 86         |         | %     |
| Rhodium    | 103-2 |           |           |           | 80         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 88         |         | %     |
| Selenium   | 77-2  | 1.07      | 1.69      | 2.95      | 1.91       | 50.22   | ppb   |
| Selenium   | 78-2  | 1.60      | -0.81     | 1.27      | 0.68       | 190.75  | ppb   |
| Selenium   | 82-1  | 1.00      | 1.56      | 0.73      | 1.09       | 38.98   | ppb   |
| Silicon    | 28-1  | 47.74     | 48.33     | 47.33     | 47.80      | 1.05    | ppb   |
| Silver     | 109-1 | 0.12      | 0.13      | 0.11      | 0.12       | 10.02   | ppb   |
| Silver     | 107-1 | 0.10      | 0.10      | 0.11      | 0.10       | 8.56    | ppb   |
| Sodium     | 23-2  | 496923.22 | 499805.00 | 502705.66 | 499811.29  | 0.58    | ppb   |
| Strontium  | 86-1  | 33.80     | 33.76     | 33.80     | 33.79      | 0.06    | ppb   |
| Strontium  | 88-1  | 33.61     | 33.82     | 33.60     | 33.68      | 0.36    | ppb   |
| Sulfur     | 34-1  | -1130.03  | -1088.16  | -1031.95  | -1083.38   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 0.58      | 0.56      | 0.56      | 0.57       | 2.14    | ppb   |
| Thallium   | 205-1 | 0.58      | 0.56      | 0.53      | 0.56       | 4.12    | ppb   |
| Tin        | 118-1 | 2.76      | 2.83      | 2.82      | 2.80       | 1.25    | ppb   |
| Titanium   | 47-1  | 3.02      | 2.46      | 2.68      | 2.72       | 10.29   | ppb   |
| Uranium    | 238-1 | 0.13      | 0.12      | 0.13      | 0.13       | 4.65    | ppb   |
| Vanadium   | 51-2  | 0.49      | 0.43      | 0.50      | 0.47       | 7.66    | ppb   |
| Yttrium    | 89-1  |           |           |           | 95         |         | %     |
| Yttrium    | 89-2  |           |           |           | 89         |         | %     |
| Zinc       | 66-2  | 9.31      | 9.81      | 8.80      | 9.31       | 5.43    | ppb   |
| Zirconium  | 90-1  | 0.34      | 0.30      | 0.31      | 0.32       | 6.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:19:17 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.36    | 0.36    | 0.34       | 11.92   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:23:06 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 485.37  | 481.81  | 469.44  | 478.87     | 1.75    | ppb   |
| Antimony   | 121-1 | 192.25  | 194.23  | 193.34  | 193.27     | 0.51    | ppb   |
| Arsenic    | 75-2  | 195.03  | 197.37  | 197.57  | 196.66     | 0.72    | ppb   |
| Barium     | 135-1 | 96.48   | 97.74   | 97.60   | 97.28      | 0.71    | ppb   |
| Barium     | 137-1 | 97.74   | 99.16   | 97.69   | 98.20      | 0.85    | ppb   |
| Beryllium  | 9-1   | 97.50   | 96.37   | 97.99   | 97.28      | 0.85    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 554.00  | 535.26  | 548.40  | 545.89     | 1.76    | ppb   |
| Boron      | 11-1  | 536.82  | 538.62  | 548.25  | 541.23     | 1.14    | ppb   |
| Cadmium    | 111-1 | 103.17  | 103.80  | 103.23  | 103.40     | 0.34    | ppb   |
| Cadmium    | 106-1 | 163.98  | 159.12  | 162.83  | 161.98     | 1.57    | ppb   |
| Cadmium    | 108-1 | 131.04  | 134.71  | 134.58  | 133.44     | 1.56    | ppb   |
| Calcium    | 43-1  | 2065.07 | 2082.97 | 2039.20 | 2062.41    | 1.07    | ppb   |
| Calcium    | 44-1  | 1945.39 | 1936.25 | 1941.29 | 1940.98    | 0.24    | ppb   |
| Chromium   | 52-2  | 95.63   | 96.17   | 95.79   | 95.87      | 0.29    | ppb   |
| Cobalt     | 59-2  | 99.48   | 98.91   | 100.16  | 99.52      | 0.63    | ppb   |
| Copper     | 63-2  | 101.01  | 100.02  | 101.30  | 100.78     | 0.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 1020.50 | 1022.56 | 1031.31 | 1024.79    | 0.56    | ppb   |
| Iron       | 57-2  | 1016.04 | 1030.57 | 1026.06 | 1024.22    | 0.73    | ppb   |
| Lead       | 206-1 | 191.89  | 191.13  | 191.23  | 191.42     | 0.22    | ppb   |
| Lead       | 207-1 | 183.89  | 184.43  | 183.77  | 184.03     | 0.19    | ppb   |
| Lead       | 208-1 | 189.01  | 189.44  | 188.82  | 189.09     | 0.17    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 1186.39 | 1181.75 | 1192.49 | 1186.88    | 0.45    | ppb   |
| Manganese  | 55-2  | 98.30   | 96.97   | 97.23   | 97.50      | 0.73    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:23:06 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1083.85  | 1086.35  | 1081.53  | 1083.91    | 0.22    | ppb   |
| Molybdenum | 95-1  | 483.43   | 486.52   | 481.46   | 483.80     | 0.53    | ppb   |
| Molybdenum | 96-1  | 553.85   | 558.28   | 557.80   | 556.64     | 0.44    | ppb   |
| Molybdenum | 97-1  | 479.28   | 475.95   | 475.85   | 477.03     | 0.41    | ppb   |
| Molybdenum | 98-1  | 484.80   | 486.12   | 486.18   | 485.70     | 0.16    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 101.61   | 100.68   | 101.51   | 101.27     | 0.50    | ppb   |
| Phosphorus | 31-2  | 19.38    | -4.27    | 0.07     | 5.06       | 248.90  | ppb   |
| Potassium  | 39-2  | 1999.35  | 2006.45  | 2018.02  | 2007.94    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 200.83   | 212.55   | 232.58   | 215.32     | 7.46    | ppb   |
| Selenium   | 78-2  | 205.07   | 200.63   | 201.21   | 202.30     | 1.19    | ppb   |
| Selenium   | 82-1  | 202.58   | 202.55   | 202.78   | 202.64     | 0.06    | ppb   |
| Silicon    | 28-1  | 554.34   | 550.63   | 547.96   | 550.98     | 0.58    | ppb   |
| Silver     | 109-1 | 100.29   | 100.50   | 100.39   | 100.39     | 0.11    | ppb   |
| Silver     | 107-1 | 100.85   | 100.38   | 100.38   | 100.54     | 0.27    | ppb   |
| Sodium     | 23-2  | 2046.96  | 2043.37  | 2045.65  | 2045.33    | 0.09    | ppb   |
| Strontium  | 86-1  | 483.19   | 487.14   | 481.46   | 483.93     | 0.60    | ppb   |
| Strontium  | 88-1  | 486.30   | 487.81   | 486.18   | 486.77     | 0.19    | ppb   |
| Sulfur     | 34-1  | -1058.27 | -1159.95 | -1316.93 | -1178.38   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 196.00   | 197.53   | 195.71   | 196.41     | 0.50    | ppb   |
| Thallium   | 205-1 | 197.32   | 198.47   | 196.52   | 197.44     | 0.49    | ppb   |
| Tin        | 118-1 | 487.97   | 490.40   | 485.30   | 487.89     | 0.52    | ppb   |
| Titanium   | 47-1  | 492.12   | 482.34   | 478.43   | 484.29     | 1.46    | ppb   |
| Uranium    | 238-1 | 461.77   | 460.23   | 459.28   | 460.43     | 0.27    | ppb   |
| Vanadium   | 51-2  | 95.40    | 96.47    | 97.27    | 96.38      | 0.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 204.01   | 204.51   | 204.71   | 204.41     | 0.18    | ppb   |
| Zirconium  | 90-1  | 483.17   | 482.75   | 483.39   | 483.10     | 0.07    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:23:06 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 478.39  | 478.87  | 479.36  | 478.87     | 0.10    | ppb   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:26:40 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.61    | 0.39    | -0.01   | 0.33       | 95.19   | ppb   |
| Antimony   | 121-1 | 0.32    | 0.36    | 0.37    | 0.35       | 7.56    | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.03    | 0.04    | 0.02       | 124.59  | ppb   |
| Barium     | 135-1 | -0.09   | -0.10   | -0.05   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.10   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | 0.14    | 0.22    | 0.15    | 0.17       | 23.70   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 17.52   | 16.34   | 15.33   | 16.40      | 6.67    | ppb   |
| Boron      | 11-1  | 18.04   | 16.08   | 16.63   | 16.92      | 5.96    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.08   | -0.21   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.13   | -1.01   | -2.72   | -1.62      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | 0.04    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -16.82  | -14.65  | -16.43  | -15.97     |         | ppb   |
| Calcium    | 44-1  | -16.23  | -15.56  | -17.00  | -16.26     |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.02    | 0.01       | 273.94  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.03    | 0.03       | 14.26   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 1.71    | 1.52    | 1.22    | 1.48       | 16.86   | ppb   |
| Iron       | 57-2  | 1.55    | 0.26    | 0.64    | 0.81       | 81.53   | ppb   |
| Lead       | 206-1 | 0.09    | 0.07    | 0.08    | 0.08       | 10.86   | ppb   |
| Lead       | 207-1 | 0.07    | 0.07    | 0.08    | 0.07       | 6.75    | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.07    | 0.07       | 4.42    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | -1.02   | -1.06   | -1.00   | -1.03      |         | ppb   |
| Manganese  | 55-2  | -0.10   | -0.10   | -0.10   | -0.10      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:26:40 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.12     | 0.11    | 0.12       | 4.51    | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.10     | 0.10    | 0.10       | 5.67    | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.15     | 0.09    | 0.13       | 29.45   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.10     | 0.13    | 0.10       | 27.92   | ppb   |
| Molybdenum | 98-1  | 0.12    | 0.09     | 0.14    | 0.11       | 21.42   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | -0.04    | -0.05   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 3.90    | -2.52    | -10.21  | -2.94      |         | ppb   |
| Potassium  | 39-2  | 9.50    | 9.40     | 12.46   | 10.46      | 16.64   | ppb   |
| Rhodium    | 103-1 |         |          |         | 99         |         | %     |
| Rhodium    | 103-2 |         |          |         | 94         |         | %     |
| Scandium   | 45-1  |         |          |         | 97         |         | %     |
| Scandium   | 45-2  |         |          |         | 93         |         | %     |
| Selenium   | 77-2  | -0.19   | -0.19    | 0.41    | 0.01       | 2680.40 | ppb   |
| Selenium   | 78-2  | 0.96    | -0.19    | -0.57   | 0.07       | 1157.38 | ppb   |
| Selenium   | 82-1  | 0.19    | -0.06    | 0.32    | 0.15       | 126.87  | ppb   |
| Silicon    | 28-1  | -9.25   | -8.33    | -8.61   | -8.73      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02     | 0.01    | 0.01       | 14.08   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01     | 0.01    | 0.01       | 24.63   | ppb   |
| Sodium     | 23-2  | 67.04   | 62.96    | 64.49   | 64.83      | 3.18    | ppb   |
| Strontium  | 86-1  | -0.12   | -0.08    | -0.10   | -0.10      |         | ppb   |
| Strontium  | 88-1  | -0.11   | -0.11    | -0.11   | -0.11      |         | ppb   |
| Sulfur     | 34-1  | -985.28 | -1068.40 | -964.09 | -1005.92   |         | ppb   |
| Terbium    | 159-1 |         |          |         | 101        |         | %     |
| Terbium    | 159-2 |         |          |         | 102        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.07     | 0.07    | 0.08       | 17.14   | ppb   |
| Thallium   | 205-1 | 0.08    | 0.07     | 0.07    | 0.07       | 11.74   | ppb   |
| Tin        | 118-1 | 0.28    | 0.28     | 0.27    | 0.28       | 3.34    | ppb   |
| Titanium   | 47-1  | 0.05    | 0.09     | 0.03    | 0.06       | 49.76   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01     | 0.01    | 0.01       | 53.90   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |          |         | 99         |         | %     |
| Yttrium    | 89-2  |         |          |         | 93         |         | %     |
| Zinc       | 66-2  | -0.32   | -0.34    | -0.30   | -0.32      |         | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03     | 0.03    | 0.03       | 8.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:26:40 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.02    | 0.03       | 55.38   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90674.11  | 91523.86  | 90083.66  | 90760.54   | 0.80    | ppb   |
| Antimony   | 121-1 | 1.35      | 1.49      | 1.39      | 1.41       | 5.15    | ppb   |
| Arsenic    | 75-2  | 0.31      | 0.41      | 0.28      | 0.33       | 19.51   | ppb   |
| Barium     | 135-1 | 1.40      | 1.31      | 1.23      | 1.31       | 6.69    | ppb   |
| Barium     | 137-1 | 1.34      | 1.40      | 1.44      | 1.39       | 3.85    | ppb   |
| Beryllium  | 9-1   | 0.39      | 0.36      | 0.39      | 0.38       | 3.52    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 12.37     | 12.27     | 12.92     | 12.52      | 2.78    | ppb   |
| Boron      | 11-1  | 12.85     | 11.53     | 12.49     | 12.29      | 5.55    | ppb   |
| Cadmium    | 111-1 | 0.16      | 0.03      | 0.09      | 0.10       | 68.68   | ppb   |
| Cadmium    | 106-1 | -0.98     | -3.59     | -3.18     | -2.58      |         | ppb   |
| Cadmium    | 108-1 | 9.07      | 8.80      | 8.93      | 8.93       | 1.52    | ppb   |
| Calcium    | 43-1  | 93224.48  | 93784.74  | 93234.11  | 93414.44   | 0.34    | ppb   |
| Calcium    | 44-1  | 93535.04  | 94334.97  | 94003.11  | 93957.71   | 0.43    | ppb   |
| Chromium   | 52-2  | 18.71     | 19.08     | 18.90     | 18.90      | 0.99    | ppb   |
| Cobalt     | 59-2  | 1.10      | 1.13      | 1.07      | 1.10       | 2.67    | ppb   |
| Copper     | 63-2  | 7.42      | 7.39      | 7.45      | 7.42       | 0.35    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 100191.80 | 99962.54  | 99455.84  | 99870.06   | 0.38    | ppb   |
| Iron       | 57-2  | 101191.71 | 101433.93 | 100945.74 | 101190.46  | 0.24    | ppb   |
| Lead       | 206-1 | 4.52      | 4.52      | 4.29      | 4.45       | 2.97    | ppb   |
| Lead       | 207-1 | 3.79      | 3.84      | 3.97      | 3.87       | 2.36    | ppb   |
| Lead       | 208-1 | 4.14      | 4.11      | 4.09      | 4.11       | 0.60    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 95666.91  | 95822.57  | 95738.98  | 95742.82   | 0.08    | ppb   |
| Manganese  | 55-2  | 7.71      | 7.77      | 7.58      | 7.69       | 1.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1356.55   | 1345.81   | 1337.61   | 1346.66    | 0.71    | ppb   |
| Molybdenum | 95-1  | 1916.88   | 1920.84   | 1901.89   | 1913.20    | 0.52    | ppb   |
| Molybdenum | 96-1  | 1843.54   | 1845.84   | 1837.41   | 1842.27    | 0.24    | ppb   |
| Molybdenum | 97-1  | 1912.94   | 1899.20   | 1888.27   | 1900.14    | 0.65    | ppb   |
| Molybdenum | 98-1  | 1919.31   | 1917.27   | 1904.32   | 1913.63    | 0.42    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.18      | 5.11      | 5.16      | 5.15       | 0.65    | ppb   |
| Phosphorus | 31-2  | 96796.16  | 97135.13  | 96111.51  | 96680.93   | 0.54    | ppb   |
| Potassium  | 39-2  | 97953.31  | 99226.09  | 97908.04  | 98362.48   | 0.76    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 77-2  | 0.42      | -0.19     | 1.03      | 0.42       | 144.36  | ppb   |
| Selenium   | 78-2  | -0.62     | -0.32     | 1.10      | 0.05       | 1707.44 | ppb   |
| Selenium   | 82-1  | 0.08      | 0.62      | 0.33      | 0.35       | 78.20   | ppb   |
| Silicon    | 28-1  | 19.29     | 19.18     | 20.06     | 19.51      | 2.48    | ppb   |
| Silver     | 109-1 | 0.10      | 0.12      | 0.11      | 0.11       | 6.66    | ppb   |
| Silver     | 107-1 | 0.10      | 0.12      | 0.10      | 0.11       | 9.72    | ppb   |
| Sodium     | 23-2  | 97426.43  | 98202.82  | 97681.49  | 97770.25   | 0.40    | ppb   |
| Strontium  | 86-1  | 33.05     | 33.66     | 32.22     | 32.98      | 2.21    | ppb   |
| Strontium  | 88-1  | 33.08     | 32.96     | 32.81     | 32.95      | 0.41    | ppb   |
| Sulfur     | 34-1  | 103173.06 | 102466.79 | 102464.26 | 102701.37  | 0.40    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 0.18      | 0.16      | 0.15      | 0.16       | 10.40   | ppb   |
| Thallium   | 205-1 | 0.19      | 0.18      | 0.17      | 0.18       | 6.94    | ppb   |
| Tin        | 118-1 | 0.20      | 0.14      | 0.13      | 0.16       | 25.47   | ppb   |
| Titanium   | 47-1  | 1959.06   | 1953.19   | 1954.65   | 1955.64    | 0.16    | ppb   |
| Uranium    | 238-1 | 0.01      | 0.01      | 0.00      | 0.01       | 42.70   | ppb   |
| Vanadium   | 51-2  | 0.12      | 0.16      | 0.17      | 0.15       | 15.06   | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 12.54     | 13.56     | 12.99     | 13.03      | 3.91    | ppb   |
| Zirconium  | 90-1  | 0.11      | 0.13      | 0.10      | 0.12       | 12.39   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.14    | 0.08    | 0.11       | 28.55   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90453.76  | 91165.12  | 90647.88  | 90755.58   | 0.41    | ppb   |
| Antimony   | 121-1 | 20.19     | 20.36     | 20.19     | 20.25      | 0.51    | ppb   |
| Arsenic    | 75-2  | 19.10     | 20.06     | 18.76     | 19.31      | 3.48    | ppb   |
| Barium     | 135-1 | 20.70     | 20.96     | 20.52     | 20.73      | 1.06    | ppb   |
| Barium     | 137-1 | 20.41     | 21.07     | 20.28     | 20.59      | 2.06    | ppb   |
| Beryllium  | 9-1   | 20.24     | 20.29     | 20.67     | 20.40      | 1.15    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 62.11     | 63.66     | 62.88     | 62.88      | 1.23    | ppb   |
| Boron      | 11-1  | 63.09     | 64.47     | 63.49     | 63.68      | 1.12    | ppb   |
| Cadmium    | 111-1 | 19.02     | 19.61     | 19.39     | 19.34      | 1.55    | ppb   |
| Cadmium    | 106-1 | 21.73     | 23.54     | 20.63     | 21.97      | 6.70    | ppb   |
| Cadmium    | 108-1 | 31.19     | 30.71     | 29.01     | 30.30      | 3.77    | ppb   |
| Calcium    | 43-1  | 92535.92  | 92774.35  | 93080.49  | 92796.92   | 0.29    | ppb   |
| Calcium    | 44-1  | 93297.33  | 92906.50  | 93906.46  | 93370.09   | 0.54    | ppb   |
| Chromium   | 52-2  | 39.11     | 39.24     | 38.86     | 39.07      | 0.49    | ppb   |
| Cobalt     | 59-2  | 20.17     | 20.54     | 20.48     | 20.40      | 0.97    | ppb   |
| Copper     | 63-2  | 26.73     | 26.80     | 27.32     | 26.95      | 1.19    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 98962.21  | 99727.31  | 99542.20  | 99410.57   | 0.40    | ppb   |
| Iron       | 57-2  | 100238.05 | 101375.82 | 101133.51 | 100915.79  | 0.59    | ppb   |
| Lead       | 206-1 | 23.81     | 23.81     | 24.00     | 23.88      | 0.46    | ppb   |
| Lead       | 207-1 | 21.92     | 22.11     | 22.01     | 22.01      | 0.45    | ppb   |
| Lead       | 208-1 | 22.76     | 22.67     | 22.83     | 22.75      | 0.34    | ppb   |
| Lithium    | 6-1   |           |           |           | 90         |         | %     |
| Magnesium  | 24-2  | 94951.37  | 95589.04  | 95451.28  | 95330.56   | 0.35    | ppb   |
| Manganese  | 55-2  | 26.87     | 27.08     | 26.90     | 26.95      | 0.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1465.98   | 1453.31   | 1470.12   | 1463.14    | 0.60    | ppb   |
| Molybdenum | 95-1  | 1958.39   | 1965.41   | 1957.14   | 1960.31    | 0.23    | ppb   |
| Molybdenum | 96-1  | 1898.73   | 1892.65   | 1899.16   | 1896.85    | 0.19    | ppb   |
| Molybdenum | 97-1  | 1951.00   | 1939.61   | 1944.04   | 1944.88    | 0.30    | ppb   |
| Molybdenum | 98-1  | 1972.31   | 1947.15   | 1961.56   | 1960.34    | 0.64    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.22     | 25.43     | 25.13     | 25.26      | 0.62    | ppb   |
| Phosphorus | 31-2  | 96282.05  | 96544.70  | 96436.61  | 96421.12   | 0.14    | ppb   |
| Potassium  | 39-2  | 97819.23  | 98455.57  | 98032.10  | 98102.30   | 0.33    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 20.86     | 20.37     | 17.19     | 19.47      | 10.23   | ppb   |
| Selenium   | 78-2  | 22.01     | 19.05     | 18.45     | 19.83      | 9.60    | ppb   |
| Selenium   | 82-1  | 18.96     | 19.23     | 19.29     | 19.16      | 0.92    | ppb   |
| Silicon    | 28-1  | 79.87     | 80.60     | 81.15     | 80.54      | 0.79    | ppb   |
| Silver     | 109-1 | 18.11     | 18.41     | 18.39     | 18.30      | 0.91    | ppb   |
| Silver     | 107-1 | 18.42     | 18.37     | 18.16     | 18.32      | 0.76    | ppb   |
| Sodium     | 23-2  | 96421.09  | 97841.80  | 97411.01  | 97224.63   | 0.75    | ppb   |
| Strontium  | 86-1  | 84.65     | 84.27     | 83.25     | 84.06      | 0.87    | ppb   |
| Strontium  | 88-1  | 84.45     | 84.30     | 84.40     | 84.38      | 0.10    | ppb   |
| Sulfur     | 34-1  | 102475.25 | 102182.30 | 102612.08 | 102423.21  | 0.21    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 19.40     | 19.82     | 19.61     | 19.61      | 1.07    | ppb   |
| Thallium   | 205-1 | 19.58     | 19.44     | 19.41     | 19.47      | 0.47    | ppb   |
| Tin        | 118-1 | 50.05     | 50.62     | 51.09     | 50.59      | 1.04    | ppb   |
| Titanium   | 47-1  | 1997.01   | 1993.66   | 1994.81   | 1995.16    | 0.09    | ppb   |
| Uranium    | 238-1 | 51.64     | 51.31     | 51.81     | 51.59      | 0.49    | ppb   |
| Vanadium   | 51-2  | 19.22     | 19.41     | 19.29     | 19.31      | 0.50    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 32.92     | 33.59     | 32.13     | 32.88      | 2.21    | ppb   |
| Zirconium  | 90-1  | 50.86     | 50.52     | 51.26     | 50.88      | 0.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 51.19   | 51.74   | 52.05   | 51.66      | 0.85    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51460.96  | 51461.14  | 51478.30  | 51466.80   | 0.02    | ppb   |
| Antimony   | 121-1 | 501.73    | 506.34    | 501.25    | 503.11     | 0.56    | ppb   |
| Arsenic    | 75-2  | 505.99    | 506.10    | 499.90    | 504.00     | 0.70    | ppb   |
| Barium     | 135-1 | 2546.17   | 2552.79   | 2548.67   | 2549.21    | 0.13    | ppb   |
| Barium     | 137-1 | 2538.26   | 2544.86   | 2556.05   | 2546.39    | 0.35    | ppb   |
| Beryllium  | 9-1   | 520.79    | 518.60    | 519.74    | 519.71     | 0.21    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 509.61    | 518.23    | 532.36    | 520.07     | 2.21    | ppb   |
| Boron      | 11-1  | 512.98    | 517.21    | 525.48    | 518.56     | 1.23    | ppb   |
| Cadmium    | 111-1 | 486.92    | 490.92    | 487.95    | 488.60     | 0.42    | ppb   |
| Cadmium    | 106-1 | 487.25    | 493.53    | 506.37    | 495.71     | 1.97    | ppb   |
| Cadmium    | 108-1 | 497.57    | 496.71    | 499.62    | 497.97     | 0.30    | ppb   |
| Calcium    | 43-1  | 246931.02 | 246695.94 | 247166.63 | 246931.20  | 0.10    | ppb   |
| Calcium    | 44-1  | 245734.08 | 246052.98 | 246043.06 | 245943.37  | 0.07    | ppb   |
| Chromium   | 52-2  | 524.33    | 521.18    | 525.88    | 523.79     | 0.46    | ppb   |
| Cobalt     | 59-2  | 495.41    | 491.60    | 494.87    | 493.96     | 0.42    | ppb   |
| Copper     | 63-2  | 965.70    | 962.27    | 969.10    | 965.69     | 0.35    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 127544.73 | 127399.76 | 127982.26 | 127642.25  | 0.24    | ppb   |
| Iron       | 57-2  | 128667.10 | 127774.52 | 127115.20 | 127852.27  | 0.61    | ppb   |
| Lead       | 206-1 | 510.27    | 509.90    | 503.17    | 507.78     | 0.79    | ppb   |
| Lead       | 207-1 | 506.96    | 509.37    | 502.77    | 506.37     | 0.66    | ppb   |
| Lead       | 208-1 | 515.99    | 519.43    | 512.42    | 515.95     | 0.68    | ppb   |
| Lithium    | 6-1   |           |           |           | 90         |         | %     |
| Magnesium  | 24-2  | 246113.69 | 243810.18 | 246372.76 | 245432.21  | 0.57    | ppb   |
| Manganese  | 55-2  | 1009.00   | 1006.91   | 1012.50   | 1009.47    | 0.28    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2533.09   | 2575.64   | 2567.26   | 2558.66    | 0.88    | ppb   |
| Molybdenum | 95-1  | 2533.44   | 2578.84   | 2569.46   | 2560.58    | 0.94    | ppb   |
| Molybdenum | 96-1  | 2520.37   | 2575.99   | 2560.43   | 2552.26    | 1.12    | ppb   |
| Molybdenum | 97-1  | 2527.59   | 2551.51   | 2541.82   | 2540.31    | 0.47    | ppb   |
| Molybdenum | 98-1  | 2536.58   | 2572.86   | 2555.83   | 2555.09    | 0.71    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 503.38    | 499.37    | 503.26    | 502.00     | 0.45    | ppb   |
| Phosphorus | 31-2  | 10229.64  | 10194.01  | 10224.33  | 10216.00   | 0.19    | ppb   |
| Potassium  | 39-2  | 126642.30 | 127255.60 | 126765.21 | 126887.70  | 0.26    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 485.19    | 511.88    | 518.66    | 505.24     | 3.50    | ppb   |
| Selenium   | 78-2  | 506.00    | 508.00    | 502.60    | 505.53     | 0.54    | ppb   |
| Selenium   | 82-1  | 494.56    | 501.51    | 500.44    | 498.83     | 0.75    | ppb   |
| Silicon    | 28-1  | 654.52    | 668.49    | 675.90    | 666.30     | 1.63    | ppb   |
| Silver     | 109-1 | 487.94    | 488.23    | 488.88    | 488.35     | 0.10    | ppb   |
| Silver     | 107-1 | 492.83    | 493.37    | 493.87    | 493.36     | 0.11    | ppb   |
| Sodium     | 23-2  | 251263.35 | 246855.23 | 250943.16 | 249687.25  | 0.98    | ppb   |
| Strontium  | 86-1  | 516.63    | 528.35    | 517.44    | 520.81     | 1.26    | ppb   |
| Strontium  | 88-1  | 519.26    | 525.67    | 526.12    | 523.68     | 0.73    | ppb   |
| Sulfur     | 34-1  | 10056.43  | 9883.56   | 10008.34  | 9982.78    | 0.89    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 517.36    | 519.64    | 517.58    | 518.19     | 0.24    | ppb   |
| Thallium   | 205-1 | 511.98    | 517.39    | 515.09    | 514.82     | 0.53    | ppb   |
| Tin        | 118-1 | 495.30    | 498.02    | 495.83    | 496.38     | 0.29    | ppb   |
| Titanium   | 47-1  | 2552.21   | 2549.69   | 2558.31   | 2553.40    | 0.17    | ppb   |
| Uranium    | 238-1 | 524.23    | 527.25    | 522.50    | 524.66     | 0.46    | ppb   |
| Vanadium   | 51-2  | 506.70    | 509.54    | 506.79    | 507.68     | 0.32    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 966.29    | 960.72    | 970.61    | 965.87     | 0.51    | ppb   |
| Zirconium  | 90-1  | 509.41    | 514.62    | 510.90    | 511.64     | 0.52    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 509.07  | 509.21  | 509.71  | 509.33     | 0.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.72    | 2.59    | 1.20    | 2.17       | 38.87   | ppb   |
| Antimony   | 121-1 | 0.54    | 0.52    | 0.61    | 0.56       | 7.95    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.01    | 0.02       | 65.20   | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | -0.01   | 0.01       | 270.11  | ppb   |
| Barium     | 137-1 | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.20    | 0.14    | 0.17       | 18.43   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 18.46   | 16.76   | 16.93   | 17.38      | 5.40    | ppb   |
| Boron      | 11-1  | 18.41   | 16.58   | 16.59   | 17.19      | 6.12    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.07   | -0.05   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.41   | -1.12   | -0.81   | -1.11      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.11    | 0.08    | 0.05       | 128.33  | ppb   |
| Calcium    | 43-1  | -9.99   | -8.59   | -13.74  | -10.77     |         | ppb   |
| Calcium    | 44-1  | -11.33  | -11.39  | -10.16  | -10.96     |         | ppb   |
| Chromium   | 52-2  | 0.02    | -0.01   | 0.00    | 0.00       | 232.69  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.09    | 0.11    | 0.08    | 0.10       | 13.21   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 11.13   | 9.59    | 8.34    | 9.69       | 14.42   | ppb   |
| Iron       | 57-2  | 8.82    | 8.10    | 8.17    | 8.36       | 4.74    | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.07    | 0.06       | 10.33   | ppb   |
| Lead       | 207-1 | 0.07    | 0.07    | 0.07    | 0.07       | 1.45    | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.31    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 2.73    | 2.69    | 2.56    | 2.66       | 3.38    | ppb   |
| Manganese  | 55-2  | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.40    | 0.33    | 0.33    | 0.35       | 11.25   | ppb   |
| Molybdenum | 95-1  | 0.50    | 0.39    | 0.39    | 0.43       | 14.47   | ppb   |
| Molybdenum | 96-1  | 0.39    | 0.37    | 0.33    | 0.37       | 7.88    | ppb   |
| Molybdenum | 97-1  | 0.46    | 0.45    | 0.39    | 0.43       | 7.99    | ppb   |
| Molybdenum | 98-1  | 0.40    | 0.37    | 0.39    | 0.39       | 3.58    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 3.73    | -18.09  | -8.20   | -7.52      |         | ppb   |
| Potassium  | 39-2  | 28.65   | 22.41   | 20.02   | 23.69      | 18.81   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 93         |         | %     |
| Selenium   | 77-2  | -0.19   | -0.19   | -0.19   | -0.19      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -1.26   | 1.15    | 0.02       | 6788.36 | ppb   |
| Selenium   | 82-1  | -0.57   | -0.43   | -0.12   | -0.37      |         | ppb   |
| Silicon    | 28-1  | -7.25   | -8.24   | -7.21   | -7.56      |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.06    | 0.05       | 16.94   | ppb   |
| Silver     | 107-1 | 0.06    | 0.04    | 0.04    | 0.05       | 24.27   | ppb   |
| Sodium     | 23-2  | 85.58   | 76.57   | 76.00   | 79.39      | 6.77    | ppb   |
| Strontium  | 86-1  | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Strontium  | 88-1  | -0.10   | -0.10   | -0.10   | -0.10      |         | ppb   |
| Sulfur     | 34-1  | -981.34 | -990.42 | -873.45 | -948.40    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.11    | 0.12    | 0.08    | 0.10       | 17.51   | ppb   |
| Thallium   | 205-1 | 0.11    | 0.10    | 0.09    | 0.10       | 9.48    | ppb   |
| Tin        | 118-1 | 0.20    | 0.10    | 0.19    | 0.16       | 31.40   | ppb   |
| Titanium   | 47-1  | 0.09    | 0.36    | 0.20    | 0.22       | 61.92   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 79.32   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 50.70   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.06    | 0.13    | -0.11   | 0.03       | 476.28  | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 15.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.08    | 0.07       | 27.16   | ppb   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : J3061-11DLX3 Instrumnet Name : P7  
 Client Sample ID : MC0815 Dilution Factor : 3  
 Date & Time Acquired :: 2018-05-31 20:44:30 DataFile Name : 018SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.56   | 17.58   | 19.53   | 17.89      | 8.45    | ppb   |
| Antimony   | 121-1 | 0.24    | 0.25    | 0.30    | 0.26       | 11.54   | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.06    | 0.03    | 0.06       | 49.12   | ppb   |
| Barium     | 135-1 | 27.81   | 27.19   | 27.39   | 27.46      | 1.15    | ppb   |
| Barium     | 137-1 | 27.82   | 27.77   | 27.87   | 27.82      | 0.18    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.12    | 0.13    | 0.11       | 24.97   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 12.63   | 10.15   | 9.90    | 10.89      | 13.90   | ppb   |
| Boron      | 11-1  | 11.03   | 11.80   | 11.12   | 11.32      | 3.70    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.15   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.63   | -0.90   | -2.32   | -1.28      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.01    | 0.07    | 0.06       | 82.89   | ppb   |
| Calcium    | 43-1  | 800.88  | 785.98  | 764.40  | 783.75     | 2.34    | ppb   |
| Calcium    | 44-1  | 784.73  | 792.20  | 791.17  | 789.37     | 0.51    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.05    | 0.08    | 0.06       | 21.67   | ppb   |
| Cobalt     | 59-2  | 14.68   | 14.80   | 14.90   | 14.79      | 0.75    | ppb   |
| Copper     | 63-2  | 62.61   | 62.38   | 62.35   | 62.44      | 0.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 6.66    | 6.47    | 6.56    | 6.56       | 1.45    | ppb   |
| Iron       | 57-2  | 5.75    | 7.78    | 7.12    | 6.88       | 15.08   | ppb   |
| Lead       | 206-1 | 4.22    | 4.08    | 4.14    | 4.15       | 1.72    | ppb   |
| Lead       | 207-1 | 3.88    | 3.83    | 3.90    | 3.87       | 0.98    | ppb   |
| Lead       | 208-1 | 4.02    | 3.96    | 3.98    | 3.99       | 0.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 1361.85 | 1354.33 | 1356.52 | 1357.57    | 0.28    | ppb   |
| Manganese  | 55-2  | 1101.83 | 1103.18 | 1088.05 | 1097.69    | 0.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3061-11DLX3        | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0815              | Dilution Factor : | 3         |
| Date & Time Acquired :: | 2018-05-31 20:44:30 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 0.06     | 0.10     | 0.05     | 0.07       | 43.17    | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.06     | 0.06     | 0.07       | 28.90    | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.03     | 0.08     | 0.06       | 48.82    | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.04     | 0.06     | 0.06       | 28.51    | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.06     | 0.05     | 0.06       | 18.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 3.24     | 3.34     | 3.04     | 3.21       | 4.65     | ppb   |
| Phosphorus | 31-2  | -2.52    | 2.77     | -15.67   | -5.14      |          | ppb   |
| Potassium  | 39-2  | 966.67   | 966.66   | 959.85   | 964.39     | 0.41     | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |          | %     |
| Rhodium    | 103-2 |          |          |          | 100        |          | %     |
| Scandium   | 45-1  |          |          |          | 105        |          | %     |
| Scandium   | 45-2  |          |          |          | 99         |          | %     |
| Selenium   | 77-2  | 0.37     | -0.19    | -0.19    | 0.00       | 35219.50 | ppb   |
| Selenium   | 78-2  | 0.90     | -0.34    | -1.34    | -0.26      |          | ppb   |
| Selenium   | 82-1  | -0.75    | 0.11     | 0.66     | 0.01       | 10511.56 | ppb   |
| Silicon    | 28-1  | 1409.86  | 1402.62  | 1409.63  | 1407.37    | 0.29     | ppb   |
| Silver     | 109-1 | 0.18     | 0.19     | 0.21     | 0.19       | 9.39     | ppb   |
| Silver     | 107-1 | 0.18     | 1.06     | 0.19     | 0.48       | 106.12   | ppb   |
| Sodium     | 23-2  | 3243.73  | 3239.29  | 3247.88  | 3243.63    | 0.13     | ppb   |
| Strontium  | 86-1  | 13.05    | 13.05    | 13.20    | 13.10      | 0.67     | ppb   |
| Strontium  | 88-1  | 13.18    | 12.91    | 13.07    | 13.05      | 1.04     | ppb   |
| Sulfur     | 34-1  | -1565.33 | -1550.96 | -1623.01 | -1579.77   |          | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |          | %     |
| Terbium    | 159-2 |          |          |          | 109        |          | %     |
| Thallium   | 203-1 | 0.19     | 0.18     | 0.18     | 0.18       | 2.21     | ppb   |
| Thallium   | 205-1 | 0.18     | 0.18     | 0.18     | 0.18       | 1.61     | ppb   |
| Tin        | 118-1 | 1.26     | 1.26     | 1.27     | 1.26       | 0.45     | ppb   |
| Titanium   | 47-1  | 0.08     | 0.16     | 0.08     | 0.11       | 42.75    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |          | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.02     | 0.01     | 0.01       | 43.63    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |          | %     |
| Yttrium    | 89-2  |          |          |          | 100        |          | %     |
| Zinc       | 66-2  | 58.68    | 58.19    | 58.92    | 58.60      | 0.64     | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.89     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3061-11DLX3        | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0815              | Dilution Factor : | 3         |
| Date & Time Acquired :: | 2018-05-31 20:44:30 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 27.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4454.82  | 4481.73  | 4480.55  | 4472.37    | 0.34    | ppb   |
| Antimony   | 121-1 | 6.35     | 6.32     | 6.24     | 6.30       | 0.91    | ppb   |
| Arsenic    | 75-2  | 8.24     | 7.83     | 8.05     | 8.04       | 2.55    | ppb   |
| Barium     | 135-1 | 264.97   | 267.74   | 259.60   | 264.10     | 1.57    | ppb   |
| Barium     | 137-1 | 268.67   | 267.55   | 262.15   | 266.12     | 1.31    | ppb   |
| Beryllium  | 9-1   | 0.78     | 0.77     | 0.77     | 0.78       | 0.63    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 14.47    | 14.07    | 14.93    | 14.49      | 2.98    | ppb   |
| Boron      | 11-1  | 14.04    | 14.74    | 15.04    | 14.61      | 3.50    | ppb   |
| Cadmium    | 111-1 | 1.67     | 1.69     | 1.61     | 1.65       | 2.48    | ppb   |
| Cadmium    | 106-1 | 1.39     | 0.58     | 0.05     | 0.67       | 100.13  | ppb   |
| Cadmium    | 108-1 | 1.73     | 1.64     | 1.72     | 1.70       | 2.93    | ppb   |
| Calcium    | 43-1  | 9516.58  | 9700.23  | 9554.76  | 9590.52    | 1.01    | ppb   |
| Calcium    | 44-1  | 9650.00  | 9658.92  | 9755.29  | 9688.07    | 0.60    | ppb   |
| Chromium   | 52-2  | 13.89    | 14.20    | 13.95    | 14.01      | 1.17    | ppb   |
| Cobalt     | 59-2  | 7.58     | 7.37     | 7.43     | 7.46       | 1.45    | ppb   |
| Copper     | 63-2  | 91.30    | 90.98    | 90.35    | 90.88      | 0.53    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 15330.21 | 15337.66 | 15296.33 | 15321.40   | 0.14    | ppb   |
| Iron       | 57-2  | 15155.91 | 15065.63 | 15174.19 | 15131.91   | 0.38    | ppb   |
| Lead       | 206-1 | 562.68   | 559.04   | 562.99   | 561.57     | 0.39    | ppb   |
| Lead       | 207-1 | 512.47   | 510.52   | 511.08   | 511.36     | 0.20    | ppb   |
| Lead       | 208-1 | 539.27   | 537.93   | 539.88   | 539.03     | 0.18    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 2863.93  | 2873.67  | 2852.98  | 2863.53    | 0.36    | ppb   |
| Manganese  | 55-2  | 229.31   | 227.83   | 227.54   | 228.23     | 0.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.71     | 2.47     | 2.44     | 2.54       | 5.89    | ppb   |
| Molybdenum | 95-1  | 1.88     | 1.78     | 1.88     | 1.85       | 3.01    | ppb   |
| Molybdenum | 96-1  | 2.05     | 1.93     | 2.00     | 1.99       | 3.08    | ppb   |
| Molybdenum | 97-1  | 1.74     | 1.82     | 1.72     | 1.76       | 2.94    | ppb   |
| Molybdenum | 98-1  | 1.75     | 1.87     | 1.79     | 1.80       | 3.25    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.60    | 24.02    | 24.09    | 24.24      | 1.32    | ppb   |
| Phosphorus | 31-2  | 1526.80  | 1590.19  | 1610.67  | 1575.88    | 2.77    | ppb   |
| Potassium  | 39-2  | 497.32   | 498.57   | 495.99   | 497.30     | 0.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 2.00     | 5.85     | 3.63     | 3.83       | 50.46   | ppb   |
| Selenium   | 78-2  | 0.76     | 0.60     | 0.58     | 0.65       | 15.49   | ppb   |
| Selenium   | 82-1  | 0.17     | 0.62     | 0.27     | 0.35       | 67.63   | ppb   |
| Silicon    | 28-1  | 951.55   | 952.98   | 942.69   | 949.07     | 0.59    | ppb   |
| Silver     | 109-1 | 0.41     | 0.40     | 0.42     | 0.41       | 2.36    | ppb   |
| Silver     | 107-1 | 0.37     | 0.39     | 0.43     | 0.39       | 8.38    | ppb   |
| Sodium     | 23-2  | 128.12   | 126.27   | 124.22   | 126.20     | 1.55    | ppb   |
| Strontium  | 86-1  | 49.06    | 48.79    | 49.48    | 49.11      | 0.70    | ppb   |
| Strontium  | 88-1  | 49.33    | 49.12    | 49.04    | 49.16      | 0.30    | ppb   |
| Sulfur     | 34-1  | -1094.24 | -1039.19 | -1036.63 | -1056.69   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.23     | 0.24     | 0.23       | 6.46    | ppb   |
| Thallium   | 205-1 | 0.22     | 0.21     | 0.22     | 0.22       | 1.66    | ppb   |
| Tin        | 118-1 | 42.73    | 43.67    | 42.85    | 43.09      | 1.19    | ppb   |
| Titanium   | 47-1  | 48.14    | 48.58    | 47.36    | 48.02      | 1.29    | ppb   |
| Uranium    | 238-1 | 0.75     | 0.75     | 0.73     | 0.75       | 1.54    | ppb   |
| Vanadium   | 51-2  | 18.55    | 18.78    | 18.50    | 18.61      | 0.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 504.37   | 496.98   | 502.08   | 501.14     | 0.75    | ppb   |
| Zirconium  | 90-1  | 0.78     | 0.72     | 0.75     | 0.75       | 3.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.76    | 0.79    | 0.80    | 0.79       | 2.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4487.47  | 4516.29  | 4480.85  | 4494.87    | 0.42    | ppb   |
| Antimony   | 121-1 | 3.41     | 3.54     | 3.58     | 3.51       | 2.47    | ppb   |
| Arsenic    | 75-2  | 8.98     | 9.12     | 9.02     | 9.04       | 0.79    | ppb   |
| Barium     | 135-1 | 242.69   | 243.60   | 241.85   | 242.71     | 0.36    | ppb   |
| Barium     | 137-1 | 245.84   | 245.49   | 244.71   | 245.35     | 0.24    | ppb   |
| Beryllium  | 9-1   | 0.68     | 0.68     | 0.68     | 0.68       | 0.47    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 9.18     | 11.47    | 10.30    | 10.31      | 11.11   | ppb   |
| Boron      | 11-1  | 10.15    | 10.29    | 10.27    | 10.23      | 0.73    | ppb   |
| Cadmium    | 111-1 | 1.47     | 1.34     | 1.34     | 1.38       | 5.52    | ppb   |
| Cadmium    | 106-1 | 2.43     | 1.14     | 0.54     | 1.37       | 70.57   | ppb   |
| Cadmium    | 108-1 | 1.60     | 1.48     | 1.28     | 1.45       | 11.00   | ppb   |
| Calcium    | 43-1  | 17652.28 | 17321.87 | 17659.08 | 17544.41   | 1.10    | ppb   |
| Calcium    | 44-1  | 17846.17 | 17674.02 | 17860.18 | 17793.46   | 0.58    | ppb   |
| Chromium   | 52-2  | 14.46    | 14.59    | 14.71    | 14.59      | 0.85    | ppb   |
| Cobalt     | 59-2  | 6.21     | 6.21     | 6.17     | 6.20       | 0.35    | ppb   |
| Copper     | 63-2  | 516.82   | 516.96   | 520.43   | 518.07     | 0.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 20190.34 | 19993.68 | 20189.87 | 20124.63   | 0.56    | ppb   |
| Iron       | 57-2  | 19910.13 | 19719.49 | 19917.65 | 19849.09   | 0.57    | ppb   |
| Lead       | 206-1 | 798.50   | 804.05   | 803.00   | 801.85     | 0.37    | ppb   |
| Lead       | 207-1 | 717.48   | 715.03   | 716.14   | 716.22     | 0.17    | ppb   |
| Lead       | 208-1 | 753.68   | 755.94   | 754.40   | 754.67     | 0.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 5704.84  | 5750.59  | 5739.12  | 5731.52    | 0.42    | ppb   |
| Manganese  | 55-2  | 508.61   | 510.54   | 512.69   | 510.61     | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.78    | 2.66    | 2.67    | 2.70       | 2.60    | ppb   |
| Molybdenum | 95-1  | 1.51    | 1.46    | 1.45    | 1.47       | 2.00    | ppb   |
| Molybdenum | 96-1  | 1.61    | 1.74    | 1.66    | 1.67       | 3.72    | ppb   |
| Molybdenum | 97-1  | 1.37    | 1.49    | 1.45    | 1.44       | 4.20    | ppb   |
| Molybdenum | 98-1  | 1.42    | 1.40    | 1.43    | 1.42       | 1.07    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 21.94   | 21.35   | 21.80   | 21.70      | 1.41    | ppb   |
| Phosphorus | 31-2  | 603.35  | 568.88  | 570.07  | 580.77     | 3.37    | ppb   |
| Potassium  | 39-2  | 507.00  | 505.08  | 502.61  | 504.90     | 0.44    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 4.77    | 4.17    | 8.58    | 5.84       | 40.95   | ppb   |
| Selenium   | 78-2  | 0.71    | 1.19    | 1.59    | 1.17       | 37.69   | ppb   |
| Selenium   | 82-1  | 0.71    | -0.05   | 0.17    | 0.28       | 141.43  | ppb   |
| Silicon    | 28-1  | 844.75  | 834.08  | 838.78  | 839.20     | 0.64    | ppb   |
| Silver     | 109-1 | 0.30    | 0.30    | 0.28    | 0.29       | 4.87    | ppb   |
| Silver     | 107-1 | 0.29    | 0.29    | 0.29    | 0.29       | 1.11    | ppb   |
| Sodium     | 23-2  | 90.71   | 88.20   | 89.53   | 89.48      | 1.40    | ppb   |
| Strontium  | 86-1  | 28.06   | 28.35   | 27.88   | 28.10      | 0.83    | ppb   |
| Strontium  | 88-1  | 28.12   | 28.24   | 28.09   | 28.15      | 0.29    | ppb   |
| Sulfur     | 34-1  | -832.85 | -971.20 | -844.26 | -882.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 109        |         | %     |
| Thallium   | 203-1 | 0.18    | 0.20    | 0.20    | 0.19       | 4.90    | ppb   |
| Thallium   | 205-1 | 0.22    | 0.21    | 0.21    | 0.21       | 3.49    | ppb   |
| Tin        | 118-1 | 68.78   | 69.59   | 68.42   | 68.93      | 0.87    | ppb   |
| Titanium   | 47-1  | 49.77   | 49.80   | 48.44   | 49.34      | 1.57    | ppb   |
| Uranium    | 238-1 | 0.49    | 0.48    | 0.47    | 0.48       | 1.30    | ppb   |
| Vanadium   | 51-2  | 16.08   | 16.12   | 16.43   | 16.21      | 1.16    | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 579.36  | 581.48  | 587.92  | 582.92     | 0.76    | ppb   |
| Zirconium  | 90-1  | 1.04    | 1.10    | 1.04    | 1.06       | 3.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.09    | 1.09    | 1.11    | 1.09       | 0.98    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51307.00  | 51087.92  | 51130.99  | 51175.30   | 0.23    | ppb   |
| Antimony   | 121-1 | 502.88    | 499.56    | 496.97    | 499.80     | 0.59    | ppb   |
| Arsenic    | 75-2  | 500.88    | 499.61    | 501.51    | 500.67     | 0.19    | ppb   |
| Barium     | 135-1 | 2520.22   | 2560.45   | 2539.70   | 2540.12    | 0.79    | ppb   |
| Barium     | 137-1 | 2521.96   | 2542.44   | 2519.49   | 2527.96    | 0.50    | ppb   |
| Beryllium  | 9-1   | 520.58    | 521.85    | 522.30    | 521.58     | 0.17    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 517.53    | 522.07    | 540.66    | 526.75     | 2.33    | ppb   |
| Boron      | 11-1  | 519.35    | 533.92    | 538.34    | 530.54     | 1.87    | ppb   |
| Cadmium    | 111-1 | 483.97    | 487.04    | 483.35    | 484.79     | 0.41    | ppb   |
| Cadmium    | 106-1 | 486.81    | 498.21    | 487.80    | 490.94     | 1.29    | ppb   |
| Cadmium    | 108-1 | 489.46    | 497.81    | 495.37    | 494.22     | 0.87    | ppb   |
| Calcium    | 43-1  | 246896.78 | 243955.04 | 245409.91 | 245420.58  | 0.60    | ppb   |
| Calcium    | 44-1  | 245950.42 | 243827.21 | 244580.67 | 244786.10  | 0.44    | ppb   |
| Chromium   | 52-2  | 520.13    | 519.16    | 516.50    | 518.60     | 0.36    | ppb   |
| Cobalt     | 59-2  | 492.91    | 490.28    | 490.84    | 491.34     | 0.28    | ppb   |
| Copper     | 63-2  | 965.51    | 960.60    | 963.96    | 963.35     | 0.26    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 127753.96 | 126830.31 | 128143.94 | 127576.07  | 0.53    | ppb   |
| Iron       | 57-2  | 127668.73 | 126775.02 | 127510.86 | 127318.20  | 0.37    | ppb   |
| Lead       | 206-1 | 508.19    | 509.17    | 502.45    | 506.60     | 0.72    | ppb   |
| Lead       | 207-1 | 506.13    | 505.73    | 500.51    | 504.12     | 0.62    | ppb   |
| Lead       | 208-1 | 510.62    | 511.21    | 506.09    | 509.31     | 0.55    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 246974.27 | 244504.61 | 243604.89 | 245027.92  | 0.71    | ppb   |
| Manganese  | 55-2  | 998.70    | 998.84    | 1000.60   | 999.38     | 0.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2583.10   | 2548.75   | 2556.08   | 2562.65    | 0.71    | ppb   |
| Molybdenum | 95-1  | 2561.14   | 2562.46   | 2553.74   | 2559.11    | 0.18    | ppb   |
| Molybdenum | 96-1  | 2571.72   | 2552.37   | 2543.92   | 2556.00    | 0.56    | ppb   |
| Molybdenum | 97-1  | 2571.90   | 2543.85   | 2538.76   | 2551.51    | 0.70    | ppb   |
| Molybdenum | 98-1  | 2579.40   | 2545.11   | 2559.74   | 2561.42    | 0.67    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 499.81    | 499.28    | 501.94    | 500.34     | 0.28    | ppb   |
| Phosphorus | 31-2  | 10211.49  | 10315.89  | 10312.52  | 10279.96   | 0.58    | ppb   |
| Potassium  | 39-2  | 126369.47 | 125899.09 | 126403.42 | 126223.99  | 0.22    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 519.26    | 466.14    | 482.24    | 489.21     | 5.57    | ppb   |
| Selenium   | 78-2  | 494.63    | 493.33    | 507.47    | 498.48     | 1.57    | ppb   |
| Selenium   | 82-1  | 500.04    | 495.14    | 491.06    | 495.41     | 0.91    | ppb   |
| Silicon    | 28-1  | 651.73    | 654.63    | 665.75    | 657.37     | 1.13    | ppb   |
| Silver     | 109-1 | 486.23    | 486.43    | 486.61    | 486.42     | 0.04    | ppb   |
| Silver     | 107-1 | 489.55    | 487.34    | 487.31    | 488.07     | 0.26    | ppb   |
| Sodium     | 23-2  | 252087.20 | 249159.31 | 249264.62 | 250170.37  | 0.66    | ppb   |
| Strontium  | 86-1  | 520.22    | 516.72    | 518.88    | 518.61     | 0.34    | ppb   |
| Strontium  | 88-1  | 524.24    | 522.58    | 520.64    | 522.49     | 0.34    | ppb   |
| Sulfur     | 34-1  | 9837.20   | 9774.32   | 9644.18   | 9751.90    | 1.01    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 519.46    | 518.13    | 517.65    | 518.41     | 0.18    | ppb   |
| Thallium   | 205-1 | 515.66    | 518.00    | 513.90    | 515.86     | 0.40    | ppb   |
| Tin        | 118-1 | 494.64    | 493.63    | 491.58    | 493.28     | 0.32    | ppb   |
| Titanium   | 47-1  | 2538.80   | 2537.71   | 2531.43   | 2535.98    | 0.16    | ppb   |
| Uranium    | 238-1 | 524.06    | 525.54    | 523.20    | 524.27     | 0.23    | ppb   |
| Vanadium   | 51-2  | 506.10    | 504.72    | 505.54    | 505.45     | 0.14    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 965.26    | 947.13    | 956.79    | 956.40     | 0.95    | ppb   |
| Zirconium  | 90-1  | 514.30    | 508.72    | 510.14    | 511.05     | 0.57    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 510.28  | 503.47  | 508.72  | 507.49     | 0.70    | ppb   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : CCB085 Instrumnet Name : P7  
 Client Sample ID : CCB085 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:58:45 DataFile Name : 022CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.68    | 2.25    | 1.11    | 1.68       | 33.96   | ppb   |
| Antimony   | 121-1 | 0.53    | 0.53    | 0.60    | 0.55       | 6.69    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.02    | 0.02    | 0.03       | 14.06   | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.03   | -0.07   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.20    | 0.21    | 0.19       | 10.92   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 16.24   | 16.19   | 14.20   | 15.55      | 7.49    | ppb   |
| Boron      | 11-1  | 15.93   | 15.40   | 14.15   | 15.16      | 6.04    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.07   | 0.04    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.14   | -0.93   | 0.58    | -0.16      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | 0.16    | 0.08       | 89.84   | ppb   |
| Calcium    | 43-1  | -12.49  | -13.37  | -17.15  | -14.34     |         | ppb   |
| Calcium    | 44-1  | -12.88  | -13.11  | -14.65  | -13.55     |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | 0.00    | 0.02       | 97.62   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.06    | 0.05    | 0.06       | 13.88   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 8.50    | 8.05    | 6.86    | 7.80       | 10.83   | ppb   |
| Iron       | 57-2  | 9.15    | 6.71    | 7.25    | 7.70       | 16.62   | ppb   |
| Lead       | 206-1 | 0.08    | 0.04    | 0.07    | 0.06       | 28.13   | ppb   |
| Lead       | 207-1 | 0.07    | 0.05    | 0.06    | 0.06       | 17.47   | ppb   |
| Lead       | 208-1 | 0.07    | 0.05    | 0.07    | 0.06       | 9.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | -0.40   | -0.54   | -0.84   | -0.59      |         | ppb   |
| Manganese  | 55-2  | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB085              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB085              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:58:45 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.40     | 0.34     | 0.26     | 0.33       | 20.50   | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.34     | 0.27     | 0.33       | 18.77   | ppb   |
| Molybdenum | 96-1  | 0.39     | 0.40     | 0.31     | 0.36       | 13.52   | ppb   |
| Molybdenum | 97-1  | 0.37     | 0.33     | 0.25     | 0.31       | 18.97   | ppb   |
| Molybdenum | 98-1  | 0.36     | 0.33     | 0.25     | 0.31       | 18.54   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.03    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -0.11    | -9.56    | -13.15   | -7.61      |         | ppb   |
| Potassium  | 39-2  | 9.89     | 16.27    | 16.65    | 14.27      | 26.61   | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.38     | -0.19    | -0.19    | 0.00       | 9781.17 | ppb   |
| Selenium   | 78-2  | -1.01    | 0.21     | 0.12     | -0.23      |         | ppb   |
| Selenium   | 82-1  | 0.00     | -0.28    | -0.52    | -0.27      |         | ppb   |
| Silicon    | 28-1  | -10.63   | -10.42   | -11.89   | -10.98     |         | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.04     | 0.05       | 7.69    | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.04     | 0.04       | 1.73    | ppb   |
| Sodium     | 23-2  | 59.93    | 57.20    | 55.41    | 57.51      | 3.96    | ppb   |
| Strontium  | 86-1  | -0.10    | -0.14    | -0.13    | -0.12      |         | ppb   |
| Strontium  | 88-1  | -0.10    | -0.11    | -0.11    | -0.11      |         | ppb   |
| Sulfur     | 34-1  | -1280.39 | -1094.41 | -1145.92 | -1173.57   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.10     | 0.06     | 0.09       | 28.08   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.09     | 0.09       | 6.02    | ppb   |
| Tin        | 118-1 | 0.20     | 0.25     | 0.18     | 0.21       | 15.54   | ppb   |
| Titanium   | 47-1  | 0.13     | 0.13     | 0.10     | 0.12       | 17.15   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.00       | 848.14  | ppb   |
| Vanadium   | 51-2  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 0.02     | -0.09    | -0.14    | -0.07      |         | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.03     | 0.05     | 0.05       | 31.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB085              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB085              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:58:45 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.07    | 0.05    | 0.06       | 18.31   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 117      | 125      | 108      | 20.35  | cps   |
| Antimony   | 121-1 | 108      | 108      | 83       | 100      | 14.43  | cps   |
| Arsenic    | 75-2  | 7        | 6        | 6        | 6        | 17.29  | cps   |
| Barium     | 135-1 | 300      | 200      | 250      | 250      | 20.00  | cps   |
| Barium     | 137-1 | 642      | 325      | 342      | 436      | 40.86  | cps   |
| Beryllium  | 9-1   | 128      | 106      | 89       | 107      | 18.16  | cps   |
| Bismuth    | 209-1 | 8876458  | 8953449  | 8902853  | 8910920  | 0.44   | cps   |
| Bismuth    | 209-2 | 6083970  | 6077051  | 6097788  | 6086270  | 0.17   | cps   |
| Boron      | 10-1  | 158      | 42       | 83       | 94       | 62.60  | cps   |
| Boron      | 11-1  | 350      | 317      | 400      | 356      | 11.80  | cps   |
| Cadmium    | 111-1 | 1974     | 2176     | 2089     | 2080     | 4.88   | cps   |
| Cadmium    | 106-1 | 2759     | 3067     | 2942     | 2923     | 5.31   | cps   |
| Cadmium    | 108-1 | 4        | 0        | 17       | 7        | 124.88 | cps   |
| Calcium    | 43-1  | 742      | 575      | 425      | 581      | 27.29  | cps   |
| Calcium    | 44-1  | 15701    | 12189    | 11505    | 13131    | 17.14  | cps   |
| Chromium   | 52-2  | 367      | 330      | 303      | 333      | 9.54   | cps   |
| Cobalt     | 59-2  | 307      | 280      | 243      | 277      | 11.49  | cps   |
| Copper     | 63-2  | 830      | 737      | 730      | 766      | 7.30   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 42       | 50       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 10       | 27       | 23       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 67       | 75       | 42       | 61       | 28.38  | cps   |
| Gadolinium | 160-2 | 153      | 163      | 140      | 152      | 7.69   | cps   |
| Holmium    | 165-1 | 13824927 | 13768629 | 13703096 | 13765551 | 0.44   | cps   |
| Holmium    | 165-2 | 7431089  | 7395159  | 7395838  | 7407362  | 0.28   | cps   |
| Indium     | 115-1 | 10521844 | 10649099 | 10571835 | 10580926 | 0.61   | cps   |
| Indium     | 115-2 | 2548563  | 2588037  | 2566849  | 2567816  | 0.77   | cps   |
| Iron       | 56-2  | 9325     | 9398     | 8864     | 9196     | 3.15   | cps   |
| Iron       | 57-2  | 467      | 606      | 583      | 552      | 13.52  | cps   |
| Lead       | 206-1 | 656      | 633      | 611      | 633      | 3.51   | cps   |
| Lead       | 207-1 | 550      | 517      | 539      | 535      | 3.17   | cps   |
| Lead       | 208-1 | 2600     | 2584     | 2445     | 2543     | 3.36   | cps   |
| Lithium    | 6-1   | 3278652  | 3264420  | 3275648  | 3272907  | 0.23   | cps   |
| Magnesium  | 24-2  | 1458     | 1592     | 1350     | 1467     | 8.25   | cps   |
| Manganese  | 55-2  | 233      | 240      | 257      | 243      | 4.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 483      | 433      | 283      | 400      | 26.02  | cps   |
| Molybdenum | 95-1  | 392      | 292      | 208      | 297      | 30.88  | cps   |
| Molybdenum | 96-1  | 558      | 267      | 200      | 342      | 55.78  | cps   |
| Molybdenum | 97-1  | 325      | 233      | 117      | 225      | 46.41  | cps   |
| Molybdenum | 98-1  | 558      | 392      | 333      | 428      | 27.30  | cps   |
| Neodymium  | 150-1 | 27       | 0        | 0        | 9        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 120      | 133      | 120      | 124      | 6.19   | cps   |
| Phosphorus | 31-2  | 133      | 225      | 150      | 169      | 28.82  | cps   |
| Potassium  | 39-2  | 32420    | 32620    | 32545    | 32528    | 0.31   | cps   |
| Rhodium    | 103-1 | 9851119  | 9872843  | 9839554  | 9854506  | 0.17   | cps   |
| Rhodium    | 103-2 | 5218862  | 5277860  | 5276136  | 5257619  | 0.64   | cps   |
| Scandium   | 45-1  | 6926224  | 6965504  | 6948775  | 6946835  | 0.28   | cps   |
| Scandium   | 45-2  | 356856   | 360556   | 362505   | 359972   | 0.80   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 85       | 72       | 85       | 81       | 9.26   | cps   |
| Selenium   | 82-1  | 58       | -31      | 59       | 29       | 178.31 | cps   |
| Silicon    | 28-1  | 380965   | 383625   | 384106   | 382899   | 0.44   | cps   |
| Silver     | 109-1 | 42       | 17       | 67       | 42       | 60.00  | cps   |
| Silver     | 107-1 | 83       | 108      | 67       | 86       | 24.35  | cps   |
| Sodium     | 23-2  | 13674    | 13573    | 13356    | 13534    | 1.20   | cps   |
| Strontium  | 86-1  | 867      | 883      | 725      | 825      | 10.55  | cps   |
| Strontium  | 88-1  | 4017     | 2834     | 1917     | 2923     | 36.03  | cps   |
| Sulfur     | 34-1  | 289002   | 291287   | 291287   | 290525   | 0.45   | cps   |
| Terbium    | 159-1 | 14314696 | 14306621 | 14332006 | 14317775 | 0.09   | cps   |
| Terbium    | 159-2 | 7321314  | 7333827  | 7368051  | 7341064  | 0.33   | cps   |
| Thallium   | 203-1 | 217      | 167      | 250      | 211      | 19.87  | cps   |
| Thallium   | 205-1 | 500      | 342      | 275      | 372      | 31.05  | cps   |
| Tin        | 118-1 | 1525     | 1567     | 1650     | 1581     | 4.03   | cps   |
| Titanium   | 47-1  | 125      | 192      | 150      | 156      | 21.65  | cps   |
| Uranium    | 238-1 | 850      | 550      | 408      | 603      | 37.41  | cps   |
| Vanadium   | 51-2  | 30       | 17       | 33       | 27       | 33.06  | cps   |
| Yttrium    | 89-1  | 11268540 | 11317577 | 11302327 | 11296148 | 0.22   | cps   |
| Yttrium    | 89-2  | 1935224  | 1939590  | 1944856  | 1939890  | 0.25   | cps   |
| Zinc       | 66-2  | 747      | 850      | 743      | 780      | 7.77   | cps   |
| Zirconium  | 90-1  | 775      | 600      | 808      | 728      | 15.38  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:48:05 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 125  | 175  | 131     | 32.13  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1892     | 2000     | 1909     | 1934     | 3.02   | cps   |
| Antimony   | 121-1 | 15893    | 16001    | 15142    | 15679    | 2.98   | cps   |
| Arsenic    | 75-2  | 289      | 319      | 296      | 301      | 5.12   | cps   |
| Barium     | 135-1 | 19364    | 19439    | 19589    | 19464    | 0.59   | cps   |
| Barium     | 137-1 | 33926    | 33993    | 33742    | 33887    | 0.38   | cps   |
| Beryllium  | 9-1   | 2028     | 1783     | 1828     | 1880     | 6.93   | cps   |
| Bismuth    | 209-1 | 9437313  | 9459795  | 9461324  | 9452810  | 0.14   | cps   |
| Bismuth    | 209-2 | 6130951  | 6076792  | 6100493  | 6102745  | 0.44   | cps   |
| Boron      | 10-1  | 3926     | 4201     | 4601     | 4242     | 8.00   | cps   |
| Boron      | 11-1  | 19313    | 19546    | 20456    | 19772    | 3.05   | cps   |
| Cadmium    | 111-1 | 4170     | 3805     | 3933     | 3970     | 4.66   | cps   |
| Cadmium    | 106-1 | 3459     | 3025     | 3117     | 3201     | 7.14   | cps   |
| Cadmium    | 108-1 | 121      | 167      | 129      | 139      | 17.58  | cps   |
| Calcium    | 43-1  | 12606    | 12239    | 11688    | 12178    | 3.79   | cps   |
| Calcium    | 44-1  | 194929   | 192961   | 194346   | 194079   | 0.52   | cps   |
| Chromium   | 52-2  | 5931     | 5878     | 5908     | 5906     | 0.45   | cps   |
| Cobalt     | 59-2  | 4434     | 4491     | 4561     | 4495     | 1.41   | cps   |
| Copper     | 63-2  | 6392     | 6605     | 6758     | 6585     | 2.80   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 0        | 14       | 124.91 | cps   |
| Dysprosium | 156-2 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 58       | 75       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 57       | 13       | 23       | 31       | 72.95  | cps   |
| Gadolinium | 160-1 | 42       | 92       | 42       | 58       | 49.48  | cps   |
| Gadolinium | 160-2 | 170      | 177      | 153      | 167      | 7.21   | cps   |
| Holmium    | 165-1 | 14624371 | 14638044 | 14705787 | 14656067 | 0.30   | cps   |
| Holmium    | 165-2 | 7895254  | 7893198  | 7917411  | 7901954  | 0.17   | cps   |
| Indium     | 115-1 | 11191181 | 11219519 | 11169853 | 11193518 | 0.22   | cps   |
| Indium     | 115-2 | 2584528  | 2581303  | 2598210  | 2588014  | 0.35   | cps   |
| Iron       | 56-2  | 112108   | 111990   | 114537   | 112879   | 1.27   | cps   |
| Iron       | 57-2  | 3045     | 3089     | 3223     | 3119     | 2.97   | cps   |
| Lead       | 206-1 | 7080     | 6808     | 6641     | 6843     | 3.24   | cps   |
| Lead       | 207-1 | 6413     | 6441     | 6296     | 6383     | 1.20   | cps   |
| Lead       | 208-1 | 28713    | 27851    | 28363    | 28309    | 1.53   | cps   |
| Lithium    | 6-1   | 3281604  | 3277328  | 3271101  | 3276678  | 0.16   | cps   |
| Magnesium  | 24-2  | 98003    | 98523    | 101333   | 99286    | 1.80   | cps   |
| Manganese  | 55-2  | 1653     | 1517     | 1720     | 1630     | 6.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 16285    | 15859    | 15976    | 16040    | 1.37   | cps   |
| Molybdenum | 95-1  | 19197    | 18655    | 19406    | 19086    | 2.03   | cps   |
| Molybdenum | 96-1  | 20399    | 20657    | 20674    | 20577    | 0.75   | cps   |
| Molybdenum | 97-1  | 11830    | 12014    | 11605    | 11816    | 1.73   | cps   |
| Molybdenum | 98-1  | 30124    | 29924    | 30726    | 30258    | 1.38   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1203     | 1370     | 1237     | 1270     | 6.94   | cps   |
| Phosphorus | 31-2  | 225      | 192      | 167      | 194      | 15.05  | cps   |
| Potassium  | 39-2  | 134017   | 133865   | 134605   | 134162   | 0.29   | cps   |
| Rhodium    | 103-1 | 10347995 | 10285630 | 10380579 | 10338068 | 0.47   | cps   |
| Rhodium    | 103-2 | 5280882  | 5284188  | 5322212  | 5295761  | 0.43   | cps   |
| Scandium   | 45-1  | 7293236  | 7301620  | 7303555  | 7299470  | 0.08   | cps   |
| Scandium   | 45-2  | 362813   | 362414   | 364445   | 363224   | 0.30   | cps   |
| Selenium   | 77-2  | 40       | 40       | 27       | 36       | 21.64  | cps   |
| Selenium   | 78-2  | 202      | 174      | 178      | 185      | 8.17   | cps   |
| Selenium   | 82-1  | 590      | 460      | 665      | 572      | 18.12  | cps   |
| Silicon    | 28-1  | 458653   | 457024   | 460747   | 458808   | 0.41   | cps   |
| Silver     | 109-1 | 9112     | 8995     | 8978     | 9028     | 0.81   | cps   |
| Silver     | 107-1 | 9704     | 9770     | 9262     | 9579     | 2.89   | cps   |
| Sodium     | 23-2  | 196969   | 198641   | 197249   | 197619   | 0.45   | cps   |
| Strontium  | 86-1  | 3092     | 3276     | 3134     | 3167     | 3.03   | cps   |
| Strontium  | 88-1  | 22969    | 22936    | 23170    | 23025    | 0.55   | cps   |
| Sulfur     | 34-1  | 289741   | 289596   | 291940   | 290425   | 0.45   | cps   |
| Terbium    | 159-1 | 14971276 | 15019807 | 15124639 | 15038574 | 0.52   | cps   |
| Terbium    | 159-2 | 7907737  | 7858430  | 7895018  | 7887061  | 0.32   | cps   |
| Thallium   | 203-1 | 8094     | 8019     | 8028     | 8047     | 0.51   | cps   |
| Thallium   | 205-1 | 20124    | 19090    | 18689    | 19301    | 3.84   | cps   |
| Tin        | 118-1 | 32898    | 32472    | 33483    | 32951    | 1.54   | cps   |
| Titanium   | 47-1  | 5593     | 5576     | 5276     | 5482     | 3.25   | cps   |
| Uranium    | 238-1 | 27747    | 28006    | 27563    | 27772    | 0.80   | cps   |
| Vanadium   | 51-2  | 11004    | 10757    | 10747    | 10836    | 1.34   | cps   |
| Yttrium    | 89-1  | 11921521 | 11888566 | 11867601 | 11892563 | 0.23   | cps   |
| Yttrium    | 89-2  | 1940764  | 1951248  | 1967769  | 1953260  | 0.70   | cps   |
| Zinc       | 66-2  | 1450     | 1510     | 1500     | 1487     | 2.16   | cps   |
| Zirconium  | 90-1  | 14350    | 14591    | 13841    | 14261    | 2.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 19:56:14 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3392 | 2709 | 3192 | 3098    | 11.34  | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P7  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:00:07 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 90281    | 90532    | 89702    | 90172    | 0.47   | cps   |
| Antimony   | 121-1 | 413862   | 416914   | 416686   | 415821   | 0.41   | cps   |
| Arsenic    | 75-2  | 15788    | 15592    | 15744    | 15708    | 0.66   | cps   |
| Barium     | 135-1 | 526902   | 524873   | 529727   | 527167   | 0.46   | cps   |
| Barium     | 137-1 | 905635   | 919764   | 911760   | 912386   | 0.78   | cps   |
| Beryllium  | 9-1   | 86004    | 85696    | 86439    | 86046    | 0.43   | cps   |
| Bismuth    | 209-1 | 9449865  | 9527732  | 9570580  | 9516059  | 0.64   | cps   |
| Bismuth    | 209-2 | 6148537  | 6102989  | 6121659  | 6124395  | 0.37   | cps   |
| Boron      | 10-1  | 8378     | 8736     | 9195     | 8770     | 4.67   | cps   |
| Boron      | 11-1  | 41082    | 41909    | 42670    | 41887    | 1.90   | cps   |
| Cadmium    | 111-1 | 97610    | 97726    | 97670    | 97669    | 0.06   | cps   |
| Cadmium    | 106-1 | 12798    | 13315    | 12990    | 13034    | 2.01   | cps   |
| Cadmium    | 108-1 | 7127     | 6831     | 7240     | 7066     | 2.99   | cps   |
| Calcium    | 43-1  | 123722   | 125680   | 125772   | 125058   | 0.93   | cps   |
| Calcium    | 44-1  | 2031321  | 2042735  | 2023030  | 2032362  | 0.49   | cps   |
| Chromium   | 52-2  | 137804   | 137568   | 137985   | 137786   | 0.15   | cps   |
| Cobalt     | 59-2  | 219798   | 218735   | 219456   | 219329   | 0.25   | cps   |
| Copper     | 63-2  | 309990   | 305019   | 303265   | 306092   | 1.14   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 13       | 7        | 30       | 17       | 72.11  | cps   |
| Erbium     | 164-1 | 42       | 42       | 58       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 13       | 33       | 17       | 21       | 50.75  | cps   |
| Gadolinium | 160-1 | 92       | 67       | 83       | 81       | 15.80  | cps   |
| Gadolinium | 160-2 | 133      | 137      | 130      | 133      | 2.50   | cps   |
| Holmium    | 165-1 | 14652652 | 14686935 | 14728998 | 14689528 | 0.26   | cps   |
| Holmium    | 165-2 | 7982874  | 7881998  | 7931836  | 7932236  | 0.64   | cps   |
| Indium     | 115-1 | 11259363 | 11219688 | 11176776 | 11218609 | 0.37   | cps   |
| Indium     | 115-2 | 2588455  | 2567057  | 2570864  | 2575459  | 0.44   | cps   |
| Iron       | 56-2  | 5693406  | 5634076  | 5624439  | 5650640  | 0.66   | cps   |
| Iron       | 57-2  | 139630   | 138093   | 137633   | 138452   | 0.76   | cps   |
| Lead       | 206-1 | 331754   | 333598   | 333942   | 333098   | 0.35   | cps   |
| Lead       | 207-1 | 306578   | 306021   | 307229   | 306609   | 0.20   | cps   |
| Lead       | 208-1 | 1374002  | 1374539  | 1381775  | 1376772  | 0.32   | cps   |
| Lithium    | 6-1   | 3298111  | 3295632  | 3285430  | 3293057  | 0.20   | cps   |
| Magnesium  | 24-2  | 1027468  | 1025869  | 1023908  | 1025748  | 0.17   | cps   |
| Manganese  | 55-2  | 157101   | 158203   | 157216   | 157507   | 0.38   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:00:07 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 812744   | 822125   | 815687   | 816852   | 0.59   | cps   |
| Molybdenum | 95-1  | 1001377  | 999486   | 1004968  | 1001943  | 0.28   | cps   |
| Molybdenum | 96-1  | 1103975  | 1109993  | 1104721  | 1106230  | 0.30   | cps   |
| Molybdenum | 97-1  | 614975   | 622138   | 621566   | 619560   | 0.64   | cps   |
| Molybdenum | 98-1  | 1598288  | 1600797  | 1604127  | 1601071  | 0.18   | cps   |
| Neodymium  | 150-1 | 47       | 53       | 27       | 42       | 32.87  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 57827    | 58255    | 57218    | 57767    | 0.90   | cps   |
| Phosphorus | 31-2  | 4759     | 4909     | 4534     | 4734     | 3.99   | cps   |
| Potassium  | 39-2  | 565282   | 566132   | 566225   | 565880   | 0.09   | cps   |
| Rhodium    | 103-1 | 10286352 | 10320307 | 10305644 | 10304101 | 0.17   | cps   |
| Rhodium    | 103-2 | 5292900  | 5248556  | 5259692  | 5267049  | 0.44   | cps   |
| Scandium   | 45-1  | 7294047  | 7307642  | 7252253  | 7284647  | 0.40   | cps   |
| Scandium   | 45-2  | 359005   | 361137   | 361905   | 360682   | 0.42   | cps   |
| Selenium   | 77-2  | 340      | 267      | 330      | 312      | 12.74  | cps   |
| Selenium   | 78-2  | 1211     | 1202     | 1132     | 1182     | 3.69   | cps   |
| Selenium   | 82-1  | 5974     | 5903     | 6156     | 6011     | 2.17   | cps   |
| Silicon    | 28-1  | 661349   | 664103   | 662031   | 662494   | 0.22   | cps   |
| Silver     | 109-1 | 470294   | 466495   | 467806   | 468198   | 0.41   | cps   |
| Silver     | 107-1 | 491926   | 488680   | 491364   | 490656   | 0.35   | cps   |
| Sodium     | 23-2  | 1961232  | 1969084  | 1962949  | 1964422  | 0.21   | cps   |
| Strontium  | 86-1  | 129898   | 130707   | 131548   | 130718   | 0.63   | cps   |
| Strontium  | 88-1  | 1161412  | 1164042  | 1160427  | 1161960  | 0.16   | cps   |
| Sulfur     | 34-1  | 330033   | 333217   | 330469   | 331240   | 0.52   | cps   |
| Terbium    | 159-1 | 15125613 | 15320714 | 15224599 | 15223642 | 0.64   | cps   |
| Terbium    | 159-2 | 7974749  | 7885792  | 7862685  | 7907742  | 0.75   | cps   |
| Thallium   | 203-1 | 402944   | 405183   | 411041   | 406389   | 1.03   | cps   |
| Thallium   | 205-1 | 988472   | 988932   | 998866   | 992090   | 0.59   | cps   |
| Tin        | 118-1 | 330361   | 330001   | 332305   | 330889   | 0.37   | cps   |
| Titanium   | 47-1  | 286602   | 289538   | 286321   | 287487   | 0.62   | cps   |
| Uranium    | 238-1 | 1478687  | 1484321  | 1489817  | 1484275  | 0.37   | cps   |
| Vanadium   | 51-2  | 116505   | 114634   | 114026   | 115055   | 1.12   | cps   |
| Yttrium    | 89-1  | 11905695 | 12038793 | 11939651 | 11961380 | 0.58   | cps   |
| Yttrium    | 89-2  | 1960259  | 1929555  | 1940375  | 1943396  | 0.80   | cps   |
| Zinc       | 66-2  | 42562    | 41756    | 41633    | 41984    | 1.20   | cps   |
| Zirconium  | 90-1  | 676426   | 683863   | 683526   | 681272   | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:00:07 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 148916 | 150569 | 151383 | 150289  | 0.84   | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P7  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:04:14 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217228   | 217526   | 218651   | 217802   | 0.34   | cps   |
| Antimony   | 121-1 | 1026325  | 1020635  | 1025073  | 1024011  | 0.29   | cps   |
| Arsenic    | 75-2  | 37558    | 37990    | 37116    | 37555    | 1.16   | cps   |
| Barium     | 135-1 | 1299211  | 1296931  | 1292652  | 1296265  | 0.26   | cps   |
| Barium     | 137-1 | 2273767  | 2287813  | 2265273  | 2275618  | 0.50   | cps   |
| Beryllium  | 9-1   | 213214   | 213041   | 210607   | 212287   | 0.69   | cps   |
| Bismuth    | 209-1 | 9350676  | 9384497  | 9321169  | 9352114  | 0.34   | cps   |
| Bismuth    | 209-2 | 5934569  | 5941359  | 5962595  | 5946174  | 0.25   | cps   |
| Boron      | 10-1  | 21324    | 22918    | 21483    | 21908    | 4.01   | cps   |
| Boron      | 11-1  | 100114   | 102161   | 102648   | 101641   | 1.32   | cps   |
| Cadmium    | 111-1 | 236973   | 240236   | 237183   | 238131   | 0.77   | cps   |
| Cadmium    | 106-1 | 27402    | 28346    | 28004    | 27917    | 1.71   | cps   |
| Cadmium    | 108-1 | 17428    | 17061    | 17565    | 17351    | 1.50   | cps   |
| Calcium    | 43-1  | 305926   | 311796   | 304474   | 307398   | 1.26   | cps   |
| Calcium    | 44-1  | 5036615  | 5027112  | 4956887  | 5006871  | 0.87   | cps   |
| Chromium   | 52-2  | 328471   | 332134   | 330981   | 330529   | 0.57   | cps   |
| Cobalt     | 59-2  | 524259   | 527036   | 520067   | 523788   | 0.67   | cps   |
| Copper     | 63-2  | 736419   | 737555   | 735686   | 736553   | 0.13   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 0        | 22       | 86.60  | cps   |
| Dysprosium | 156-2 | 37       | 13       | 33       | 28       | 45.44  | cps   |
| Erbium     | 164-1 | 17       | 100      | 25       | 47       | 97.19  | cps   |
| Erbium     | 164-2 | 27       | 30       | 33       | 30       | 11.10  | cps   |
| Gadolinium | 160-1 | 33       | 50       | 33       | 39       | 24.75  | cps   |
| Gadolinium | 160-2 | 137      | 117      | 163      | 139      | 16.86  | cps   |
| Holmium    | 165-1 | 14612735 | 14591428 | 14544206 | 14582790 | 0.24   | cps   |
| Holmium    | 165-2 | 7744733  | 7784249  | 7796651  | 7775211  | 0.35   | cps   |
| Indium     | 115-1 | 11079798 | 11013396 | 10976789 | 11023328 | 0.47   | cps   |
| Indium     | 115-2 | 2485702  | 2476959  | 2471487  | 2478049  | 0.29   | cps   |
| Iron       | 56-2  | 13592977 | 13676779 | 13569494 | 13613084 | 0.41   | cps   |
| Iron       | 57-2  | 333490   | 337315   | 333176   | 334660   | 0.69   | cps   |
| Lead       | 206-1 | 827795   | 829411   | 833597   | 830267   | 0.36   | cps   |
| Lead       | 207-1 | 762091   | 757423   | 762526   | 760680   | 0.37   | cps   |
| Lead       | 208-1 | 3418861  | 3422454  | 3425232  | 3422182  | 0.09   | cps   |
| Lithium    | 6-1   | 3244209  | 3263286  | 3227476  | 3244990  | 0.55   | cps   |
| Magnesium  | 24-2  | 2495133  | 2515643  | 2520653  | 2510476  | 0.54   | cps   |
| Manganese  | 55-2  | 382488   | 378016   | 379879   | 380128   | 0.59   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:04:14 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2023368  | 2020513  | 2012884  | 2018922  | 0.27   | cps   |
| Molybdenum | 95-1  | 2472330  | 2491662  | 2480608  | 2481533  | 0.39   | cps   |
| Molybdenum | 96-1  | 2743127  | 2747074  | 2732086  | 2740763  | 0.28   | cps   |
| Molybdenum | 97-1  | 1508399  | 1535851  | 1516973  | 1520408  | 0.92   | cps   |
| Molybdenum | 98-1  | 3973220  | 3987215  | 3954758  | 3971731  | 0.41   | cps   |
| Neodymium  | 150-1 | 107      | 60       | 107      | 91       | 29.57  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 17       | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 137266   | 137985   | 136354   | 137201   | 0.60   | cps   |
| Phosphorus | 31-2  | 11113    | 11797    | 12022    | 11644    | 4.07   | cps   |
| Potassium  | 39-2  | 1308355  | 1316658  | 1315364  | 1313459  | 0.34   | cps   |
| Rhodium    | 103-1 | 10002114 | 10024235 | 10045420 | 10023923 | 0.22   | cps   |
| Rhodium    | 103-2 | 5075708  | 5084918  | 5042563  | 5067730  | 0.44   | cps   |
| Scandium   | 45-1  | 7095035  | 7059462  | 7105540  | 7086679  | 0.34   | cps   |
| Scandium   | 45-2  | 346347   | 348353   | 346569   | 347090   | 0.32   | cps   |
| Selenium   | 77-2  | 803      | 687      | 790      | 760      | 8.40   | cps   |
| Selenium   | 78-2  | 2587     | 2606     | 2730     | 2641     | 2.94   | cps   |
| Selenium   | 82-1  | 14510    | 14538    | 14525    | 14524    | 0.10   | cps   |
| Silicon    | 28-1  | 1046665  | 1044840  | 1031239  | 1040915  | 0.81   | cps   |
| Silver     | 109-1 | 1144952  | 1138998  | 1143999  | 1142650  | 0.28   | cps   |
| Silver     | 107-1 | 1207545  | 1195381  | 1201486  | 1201471  | 0.51   | cps   |
| Sodium     | 23-2  | 4759112  | 4786193  | 4764102  | 4769803  | 0.30   | cps   |
| Strontium  | 86-1  | 323250   | 324013   | 322810   | 323358   | 0.19   | cps   |
| Strontium  | 88-1  | 2867987  | 2863251  | 2850602  | 2860613  | 0.31   | cps   |
| Sulfur     | 34-1  | 372975   | 371434   | 372333   | 372247   | 0.21   | cps   |
| Terbium    | 159-1 | 15059447 | 14954421 | 15032516 | 15015461 | 0.36   | cps   |
| Terbium    | 159-2 | 7707306  | 7715524  | 7701199  | 7708010  | 0.09   | cps   |
| Thallium   | 203-1 | 1016716  | 1017586  | 1010141  | 1014815  | 0.40   | cps   |
| Thallium   | 205-1 | 2473146  | 2478659  | 2501184  | 2484330  | 0.60   | cps   |
| Tin        | 118-1 | 813703   | 812911   | 807115   | 811243   | 0.44   | cps   |
| Titanium   | 47-1  | 701842   | 698735   | 696842   | 699140   | 0.36   | cps   |
| Uranium    | 238-1 | 3721523  | 3776236  | 3753719  | 3750493  | 0.73   | cps   |
| Vanadium   | 51-2  | 275105   | 277575   | 275946   | 276209   | 0.45   | cps   |
| Yttrium    | 89-1  | 11652557 | 11671635 | 11588159 | 11637450 | 0.38   | cps   |
| Yttrium    | 89-2  | 1873821  | 1881635  | 1878205  | 1877887  | 0.21   | cps   |
| Zinc       | 66-2  | 100378   | 101600   | 100536   | 100838   | 0.66   | cps   |
| Zirconium  | 90-1  | 1688458  | 1702499  | 1670698  | 1687218  | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:04:14 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 373985 | 372641 | 370901 | 372509  | 0.42   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:08:03 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 414397   | 413791   | 416692   | 414960   | 0.37   | cps   |
| Antimony   | 121-1 | 2039960  | 2027923  | 2015686  | 2027856  | 0.60   | cps   |
| Arsenic    | 75-2  | 71439    | 71966    | 71249    | 71551    | 0.52   | cps   |
| Barium     | 135-1 | 2550667  | 2538642  | 2548650  | 2545986  | 0.25   | cps   |
| Barium     | 137-1 | 4489483  | 4477355  | 4503692  | 4490177  | 0.29   | cps   |
| Beryllium  | 9-1   | 403132   | 401883   | 396855   | 400623   | 0.83   | cps   |
| Bismuth    | 209-1 | 9293077  | 9257962  | 9214479  | 9255173  | 0.43   | cps   |
| Bismuth    | 209-2 | 5771026  | 5783725  | 5769834  | 5774861  | 0.13   | cps   |
| Boron      | 10-1  | 42335    | 43121    | 42870    | 42775    | 0.94   | cps   |
| Boron      | 11-1  | 195766   | 196123   | 199741   | 197210   | 1.12   | cps   |
| Cadmium    | 111-1 | 461626   | 457564   | 459130   | 459440   | 0.45   | cps   |
| Cadmium    | 106-1 | 52448    | 51636    | 50366    | 51483    | 2.04   | cps   |
| Cadmium    | 108-1 | 33757    | 33807    | 33085    | 33550    | 1.20   | cps   |
| Calcium    | 43-1  | 593385   | 583112   | 580897   | 585798   | 1.14   | cps   |
| Calcium    | 44-1  | 9657155  | 9525098  | 9567833  | 9583362  | 0.70   | cps   |
| Chromium   | 52-2  | 629767   | 634064   | 631992   | 631941   | 0.34   | cps   |
| Cobalt     | 59-2  | 1000670  | 995501   | 999338   | 998503   | 0.27   | cps   |
| Copper     | 63-2  | 1398190  | 1409093  | 1396481  | 1401254  | 0.49   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 50       | 33       | 50.00  | cps   |
| Dysprosium | 156-2 | 23       | 37       | 37       | 32       | 23.90  | cps   |
| Erbium     | 164-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 17       | 13       | 30       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 108      | 58       | 42       | 69       | 49.96  | cps   |
| Gadolinium | 160-2 | 130      | 150      | 163      | 148      | 11.36  | cps   |
| Holmium    | 165-1 | 14399701 | 14329869 | 14404745 | 14378105 | 0.29   | cps   |
| Holmium    | 165-2 | 7634507  | 7622098  | 7609661  | 7622088  | 0.16   | cps   |
| Indium     | 115-1 | 10764003 | 10693962 | 10722673 | 10726879 | 0.33   | cps   |
| Indium     | 115-2 | 2380004  | 2384651  | 2389483  | 2384713  | 0.20   | cps   |
| Iron       | 56-2  | 26223362 | 26023637 | 26218293 | 26155097 | 0.44   | cps   |
| Iron       | 57-2  | 640699   | 638684   | 638683   | 639356   | 0.18   | cps   |
| Lead       | 206-1 | 1657405  | 1647096  | 1656275  | 1653592  | 0.34   | cps   |
| Lead       | 207-1 | 1526615  | 1507532  | 1520040  | 1518062  | 0.64   | cps   |
| Lead       | 208-1 | 6864202  | 6823337  | 6844762  | 6844100  | 0.30   | cps   |
| Lithium    | 6-1   | 3139711  | 3116031  | 3110296  | 3122012  | 0.50   | cps   |
| Magnesium  | 24-2  | 4839955  | 4798364  | 4772256  | 4803525  | 0.71   | cps   |
| Manganese  | 55-2  | 729167   | 726874   | 726558   | 727533   | 0.20   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:08:03 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3980108  | 3977845  | 3950046  | 3969333  | 0.42   | cps   |
| Molybdenum | 95-1  | 4897232  | 4869544  | 4842773  | 4869850  | 0.56   | cps   |
| Molybdenum | 96-1  | 5389884  | 5390179  | 5374910  | 5384991  | 0.16   | cps   |
| Molybdenum | 97-1  | 2990787  | 2991539  | 2981970  | 2988099  | 0.18   | cps   |
| Molybdenum | 98-1  | 7684451  | 7681321  | 7632144  | 7665972  | 0.38   | cps   |
| Neodymium  | 150-1 | 180      | 133      | 127      | 147      | 19.81  | cps   |
| Neodymium  | 150-2 | 13       | 33       | 7        | 18       | 78.05  | cps   |
| Nickel     | 60-2  | 261047   | 262977   | 257875   | 260633   | 0.99   | cps   |
| Phosphorus | 31-2  | 21934    | 21416    | 22126    | 21825    | 1.68   | cps   |
| Potassium  | 39-2  | 2476604  | 2473426  | 2453736  | 2467922  | 0.50   | cps   |
| Rhodium    | 103-1 | 9733899  | 9660883  | 9625403  | 9673395  | 0.57   | cps   |
| Rhodium    | 103-2 | 4894235  | 4885659  | 4910062  | 4896652  | 0.25   | cps   |
| Scandium   | 45-1  | 6943052  | 6827223  | 6828652  | 6866309  | 0.97   | cps   |
| Scandium   | 45-2  | 333467   | 334211   | 332701   | 333460   | 0.23   | cps   |
| Selenium   | 77-2  | 1443     | 1427     | 1460     | 1443     | 1.15   | cps   |
| Selenium   | 78-2  | 5081     | 4927     | 5069     | 5026     | 1.71   | cps   |
| Selenium   | 82-1  | 28147    | 28061    | 28188    | 28132    | 0.23   | cps   |
| Silicon    | 28-1  | 1621842  | 1614512  | 1611479  | 1615944  | 0.33   | cps   |
| Silver     | 109-1 | 2232583  | 2211090  | 2214553  | 2219409  | 0.52   | cps   |
| Silver     | 107-1 | 2337619  | 2333682  | 2317575  | 2329625  | 0.46   | cps   |
| Sodium     | 23-2  | 9186644  | 9181438  | 9085393  | 9151158  | 0.62   | cps   |
| Strontium  | 86-1  | 631105   | 622785   | 628043   | 627311   | 0.67   | cps   |
| Strontium  | 88-1  | 5661423  | 5596677  | 5620117  | 5626072  | 0.58   | cps   |
| Sulfur     | 34-1  | 440190   | 428987   | 430313   | 433163   | 1.41   | cps   |
| Terbium    | 159-1 | 14848312 | 14774599 | 14698681 | 14773864 | 0.51   | cps   |
| Terbium    | 159-2 | 7523996  | 7572457  | 7584849  | 7560434  | 0.43   | cps   |
| Thallium   | 203-1 | 2029040  | 2012448  | 2023204  | 2021564  | 0.42   | cps   |
| Thallium   | 205-1 | 5009459  | 4985437  | 5022894  | 5005930  | 0.38   | cps   |
| Tin        | 118-1 | 1595417  | 1590900  | 1586519  | 1590945  | 0.28   | cps   |
| Titanium   | 47-1  | 1336287  | 1333364  | 1336967  | 1335539  | 0.14   | cps   |
| Uranium    | 238-1 | 7434602  | 7441798  | 7403949  | 7426783  | 0.27   | cps   |
| Vanadium   | 51-2  | 528291   | 528975   | 528245   | 528503   | 0.08   | cps   |
| Yttrium    | 89-1  | 11471322 | 11378105 | 11326953 | 11392126 | 0.64   | cps   |
| Yttrium    | 89-2  | 1810740  | 1819544  | 1808603  | 1812962  | 0.32   | cps   |
| Zinc       | 66-2  | 192906   | 193385   | 193750   | 193347   | 0.22   | cps   |
| Zirconium  | 90-1  | 3362327  | 3366090  | 3320583  | 3349667  | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:08:03 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 732508 | 733372 | 727858 | 731246  | 0.41   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 799838   | 788850   | 798353   | 795680   | 0.75   | cps   |
| Antimony   | 121-1 | 3971198  | 3969425  | 3976955  | 3972526  | 0.10   | cps   |
| Arsenic    | 75-2  | 136838   | 137320   | 136098   | 136752   | 0.45   | cps   |
| Barium     | 135-1 | 5046509  | 5030951  | 4989766  | 5022409  | 0.58   | cps   |
| Barium     | 137-1 | 8651756  | 8631503  | 8592842  | 8625367  | 0.35   | cps   |
| Beryllium  | 9-1   | 756134   | 751406   | 748693   | 752078   | 0.50   | cps   |
| Bismuth    | 209-1 | 9124092  | 9139984  | 9136854  | 9133643  | 0.09   | cps   |
| Bismuth    | 209-2 | 5578482  | 5637759  | 5599897  | 5605379  | 0.54   | cps   |
| Boron      | 10-1  | 80138    | 81225    | 83137    | 81500    | 1.86   | cps   |
| Boron      | 11-1  | 366149   | 377569   | 378884   | 374201   | 1.87   | cps   |
| Cadmium    | 111-1 | 877564   | 882732   | 888773   | 883023   | 0.64   | cps   |
| Cadmium    | 106-1 | 94161    | 95890    | 94825    | 94959    | 0.92   | cps   |
| Cadmium    | 108-1 | 65166    | 65785    | 64115    | 65022    | 1.30   | cps   |
| Calcium    | 43-1  | 1130605  | 1125707  | 1118450  | 1124921  | 0.54   | cps   |
| Calcium    | 44-1  | 18306674 | 18239333 | 18246073 | 18264026 | 0.20   | cps   |
| Chromium   | 52-2  | 1200595  | 1204409  | 1197312  | 1200772  | 0.30   | cps   |
| Cobalt     | 59-2  | 1891409  | 1903780  | 1901690  | 1898960  | 0.35   | cps   |
| Copper     | 63-2  | 2646397  | 2667526  | 2660661  | 2658195  | 0.41   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 42       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 67       | 77       | 40       | 61       | 31.02  | cps   |
| Erbium     | 164-1 | 58       | 75       | 42       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 17       | 20       | 17       | 18       | 10.81  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 100      | 89       | 14.33  | cps   |
| Gadolinium | 160-2 | 147      | 113      | 123      | 128      | 13.38  | cps   |
| Holmium    | 165-1 | 14360864 | 14322863 | 14328973 | 14337567 | 0.14   | cps   |
| Holmium    | 165-2 | 7505444  | 7549194  | 7519861  | 7524833  | 0.30   | cps   |
| Indium     | 115-1 | 10474338 | 10518645 | 10497421 | 10496801 | 0.21   | cps   |
| Indium     | 115-2 | 2300509  | 2298951  | 2298179  | 2299213  | 0.05   | cps   |
| Iron       | 56-2  | 49740826 | 49504932 | 49333271 | 49526343 | 0.41   | cps   |
| Iron       | 57-2  | 1216403  | 1220334  | 1218721  | 1218486  | 0.16   | cps   |
| Lead       | 206-1 | 3269260  | 3286985  | 3247646  | 3267964  | 0.60   | cps   |
| Lead       | 207-1 | 3013564  | 3006559  | 2977209  | 2999111  | 0.64   | cps   |
| Lead       | 208-1 | 13414358 | 13467773 | 13403799 | 13428643 | 0.26   | cps   |
| Lithium    | 6-1   | 3009009  | 2984797  | 2999062  | 2997623  | 0.41   | cps   |
| Magnesium  | 24-2  | 9204550  | 9127098  | 9130033  | 9153894  | 0.48   | cps   |
| Manganese  | 55-2  | 1386399  | 1386775  | 1381640  | 1384938  | 0.21   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7573756  | 7576035  | 7496644  | 7548812  | 0.60   | cps   |
| Molybdenum | 95-1  | 9331542  | 9341599  | 9278665  | 9317269  | 0.36   | cps   |
| Molybdenum | 96-1  | 10316959 | 10347514 | 10269681 | 10311385 | 0.38   | cps   |
| Molybdenum | 97-1  | 5887412  | 5898187  | 5840117  | 5875239  | 0.53   | cps   |
| Molybdenum | 98-1  | 14906458 | 15002915 | 14969696 | 14959690 | 0.33   | cps   |
| Neodymium  | 150-1 | 287      | 313      | 273      | 291      | 7.00   | cps   |
| Neodymium  | 150-2 | 33       | 30       | 30       | 31       | 6.18   | cps   |
| Nickel     | 60-2  | 488359   | 490981   | 492333   | 490558   | 0.41   | cps   |
| Phosphorus | 31-2  | 41492    | 41851    | 40932    | 41425    | 1.12   | cps   |
| Potassium  | 39-2  | 4757012  | 4716059  | 4718718  | 4730597  | 0.48   | cps   |
| Rhodium    | 103-1 | 9359227  | 9303623  | 9415740  | 9359530  | 0.60   | cps   |
| Rhodium    | 103-2 | 4702276  | 4717912  | 4738519  | 4719569  | 0.39   | cps   |
| Scandium   | 45-1  | 6623845  | 6605540  | 6578197  | 6602527  | 0.35   | cps   |
| Scandium   | 45-2  | 321945   | 322025   | 321770   | 321914   | 0.04   | cps   |
| Selenium   | 77-2  | 2767     | 2617     | 2740     | 2708     | 2.96   | cps   |
| Selenium   | 78-2  | 9242     | 9323     | 9320     | 9295     | 0.50   | cps   |
| Selenium   | 82-1  | 54187    | 54418    | 53495    | 54033    | 0.89   | cps   |
| Silicon    | 28-1  | 2795966  | 2786733  | 2778873  | 2787191  | 0.31   | cps   |
| Silver     | 109-1 | 4249108  | 4306109  | 4266396  | 4273871  | 0.68   | cps   |
| Silver     | 107-1 | 4500760  | 4491968  | 4484281  | 4492336  | 0.18   | cps   |
| Sodium     | 23-2  | 17530323 | 17474611 | 17427185 | 17477373 | 0.30   | cps   |
| Strontium  | 86-1  | 1218202  | 1218510  | 1213609  | 1216774  | 0.23   | cps   |
| Strontium  | 88-1  | 10866179 | 10739708 | 10681306 | 10762397 | 0.88   | cps   |
| Sulfur     | 34-1  | 560748   | 556336   | 548433   | 555172   | 1.12   | cps   |
| Terbium    | 159-1 | 14623503 | 14677199 | 14638170 | 14646291 | 0.19   | cps   |
| Terbium    | 159-2 | 7402834  | 7434363  | 7465554  | 7434250  | 0.42   | cps   |
| Thallium   | 203-1 | 4013231  | 4025322  | 4019111  | 4019221  | 0.15   | cps   |
| Thallium   | 205-1 | 9651786  | 9766388  | 9652903  | 9690359  | 0.68   | cps   |
| Tin        | 118-1 | 3107447  | 3103120  | 3128842  | 3113137  | 0.44   | cps   |
| Titanium   | 47-1  | 2580406  | 2573567  | 2543158  | 2565710  | 0.77   | cps   |
| Uranium    | 238-1 | 14804566 | 14713770 | 14691262 | 14736533 | 0.41   | cps   |
| Vanadium   | 51-2  | 1019331  | 1008944  | 1009389  | 1012555  | 0.58   | cps   |
| Yttrium    | 89-1  | 11167488 | 11176453 | 11117985 | 11153975 | 0.28   | cps   |
| Yttrium    | 89-2  | 1765524  | 1751559  | 1747841  | 1754975  | 0.53   | cps   |
| Zinc       | 66-2  | 361915   | 361577   | 359597   | 361030   | 0.35   | cps   |
| Zirconium  | 90-1  | 6424830  | 6400296  | 6463033  | 6429386  | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:11:50 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1414823 | 1409922 | 1414518 | 1413088 | 0.19   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1569026  | 1563973  | 1578250  | 1570416  | 0.46   | cps   |
| Antimony   | 121-1 | 7695200  | 7702319  | 7732331  | 7709950  | 0.26   | cps   |
| Arsenic    | 75-2  | 272540   | 270414   | 274481   | 272478   | 0.75   | cps   |
| Barium     | 135-1 | 9830203  | 9845290  | 9884849  | 9853448  | 0.29   | cps   |
| Barium     | 137-1 | 16946843 | 17110218 | 16955475 | 17004179 | 0.54   | cps   |
| Beryllium  | 9-1   | 1430438  | 1435955  | 1420701  | 1429031  | 0.54   | cps   |
| Bismuth    | 209-1 | 8893512  | 8967070  | 8865604  | 8908729  | 0.59   | cps   |
| Bismuth    | 209-2 | 5488946  | 5511377  | 5529155  | 5509826  | 0.37   | cps   |
| Boron      | 10-1  | 154405   | 157897   | 159179   | 157160   | 1.57   | cps   |
| Boron      | 11-1  | 711663   | 733936   | 729502   | 725033   | 1.63   | cps   |
| Cadmium    | 111-1 | 1688303  | 1700960  | 1719119  | 1702794  | 0.91   | cps   |
| Cadmium    | 106-1 | 180216   | 180409   | 182080   | 180902   | 0.57   | cps   |
| Cadmium    | 108-1 | 124613   | 123171   | 122725   | 123503   | 0.80   | cps   |
| Calcium    | 43-1  | 2215665  | 2211376  | 2215931  | 2214324  | 0.12   | cps   |
| Calcium    | 44-1  | 36146000 | 35858384 | 36178608 | 36060997 | 0.49   | cps   |
| Chromium   | 52-2  | 2394507  | 2396912  | 2415547  | 2402322  | 0.48   | cps   |
| Cobalt     | 59-2  | 3758772  | 3781300  | 3768368  | 3769480  | 0.30   | cps   |
| Copper     | 63-2  | 5237035  | 5284483  | 5281127  | 5267549  | 0.50   | cps   |
| Dysprosium | 156-1 | 242      | 300      | 300      | 281      | 12.00  | cps   |
| Dysprosium | 156-2 | 253      | 170      | 173      | 199      | 23.72  | cps   |
| Erbium     | 164-1 | 133      | 167      | 175      | 158      | 13.93  | cps   |
| Erbium     | 164-2 | 67       | 100      | 63       | 77       | 26.45  | cps   |
| Gadolinium | 160-1 | 292      | 217      | 183      | 231      | 24.07  | cps   |
| Gadolinium | 160-2 | 240      | 243      | 173      | 219      | 18.04  | cps   |
| Holmium    | 165-1 | 14093835 | 14047040 | 13966952 | 14035943 | 0.46   | cps   |
| Holmium    | 165-2 | 7512440  | 7508431  | 7497041  | 7505970  | 0.11   | cps   |
| Indium     | 115-1 | 10123621 | 10182999 | 10186560 | 10164394 | 0.35   | cps   |
| Indium     | 115-2 | 2231705  | 2245813  | 2258096  | 2245205  | 0.59   | cps   |
| Iron       | 56-2  | 97822699 | 98493902 | 98714113 | 98343572 | 0.47   | cps   |
| Iron       | 57-2  | 2416801  | 2421250  | 2428638  | 2422230  | 0.25   | cps   |
| Lead       | 206-1 | 6441353  | 6416951  | 6445900  | 6434735  | 0.24   | cps   |
| Lead       | 207-1 | 5950265  | 5950856  | 5954177  | 5951766  | 0.04   | cps   |
| Lead       | 208-1 | 26502420 | 26430313 | 26502208 | 26478314 | 0.16   | cps   |
| Lithium    | 6-1   | 2893537  | 2898511  | 2893967  | 2895338  | 0.10   | cps   |
| Magnesium  | 24-2  | 18104316 | 17992498 | 18144352 | 18080389 | 0.44   | cps   |
| Manganese  | 55-2  | 2742586  | 2760535  | 2772988  | 2758703  | 0.55   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14877545 | 14755443 | 14864822 | 14832603 | 0.45   | cps   |
| Molybdenum | 95-1  | 18333179 | 18146833 | 18330157 | 18270056 | 0.58   | cps   |
| Molybdenum | 96-1  | 20390382 | 20194972 | 20275207 | 20286853 | 0.48   | cps   |
| Molybdenum | 97-1  | 11464624 | 11375536 | 11435953 | 11425371 | 0.40   | cps   |
| Molybdenum | 98-1  | 29506007 | 29416569 | 29302844 | 29408474 | 0.35   | cps   |
| Neodymium  | 150-1 | 680      | 667      | 800      | 716      | 10.26  | cps   |
| Neodymium  | 150-2 | 197      | 177      | 173      | 182      | 6.92   | cps   |
| Nickel     | 60-2  | 957364   | 967488   | 970475   | 965109   | 0.71   | cps   |
| Phosphorus | 31-2  | 82118    | 81079    | 81146    | 81448    | 0.71   | cps   |
| Potassium  | 39-2  | 9242196  | 9267089  | 9232691  | 9247325  | 0.19   | cps   |
| Rhodium    | 103-1 | 9025953  | 9034781  | 9052993  | 9037909  | 0.15   | cps   |
| Rhodium    | 103-2 | 4586899  | 4606006  | 4627074  | 4606660  | 0.44   | cps   |
| Scandium   | 45-1  | 6450941  | 6427427  | 6443904  | 6440757  | 0.19   | cps   |
| Scandium   | 45-2  | 318274   | 322370   | 321982   | 320875   | 0.70   | cps   |
| Selenium   | 77-2  | 5391     | 5548     | 5261     | 5400     | 2.66   | cps   |
| Selenium   | 78-2  | 18312    | 17926    | 18186    | 18141    | 1.08   | cps   |
| Selenium   | 82-1  | 102836   | 103056   | 103041   | 102977   | 0.12   | cps   |
| Silicon    | 28-1  | 3995734  | 4005801  | 3995012  | 3998849  | 0.15   | cps   |
| Silver     | 109-1 | 8307210  | 8226719  | 8266522  | 8266817  | 0.49   | cps   |
| Silver     | 107-1 | 8652884  | 8635027  | 8602973  | 8630295  | 0.29   | cps   |
| Sodium     | 23-2  | 34743664 | 34544171 | 34561825 | 34616553 | 0.32   | cps   |
| Strontium  | 86-1  | 2387017  | 2383101  | 2409623  | 2393247  | 0.60   | cps   |
| Strontium  | 88-1  | 20982259 | 20963041 | 21175423 | 21040241 | 0.56   | cps   |
| Sulfur     | 34-1  | 830350   | 834356   | 828665   | 831123   | 0.35   | cps   |
| Terbium    | 159-1 | 14503960 | 14524279 | 14400204 | 14476148 | 0.46   | cps   |
| Terbium    | 159-2 | 7367913  | 7411693  | 7460453  | 7413353  | 0.62   | cps   |
| Thallium   | 203-1 | 7764521  | 7796837  | 7746300  | 7769219  | 0.33   | cps   |
| Thallium   | 205-1 | 18966095 | 18996887 | 18920724 | 18961235 | 0.20   | cps   |
| Tin        | 118-1 | 6162486  | 6186171  | 6182193  | 6176950  | 0.21   | cps   |
| Titanium   | 47-1  | 5009741  | 4985840  | 5007312  | 5000964  | 0.26   | cps   |
| Uranium    | 238-1 | 29309213 | 29278238 | 29157607 | 29248353 | 0.27   | cps   |
| Vanadium   | 51-2  | 2033515  | 2038783  | 2040151  | 2037483  | 0.17   | cps   |
| Yttrium    | 89-1  | 10929065 | 10963517 | 10974314 | 10955632 | 0.22   | cps   |
| Yttrium    | 89-2  | 1754122  | 1763343  | 1751835  | 1756433  | 0.35   | cps   |
| Zinc       | 66-2  | 706550   | 710788   | 712102   | 709813   | 0.41   | cps   |
| Zirconium  | 90-1  | 12670653 | 12672632 | 12684791 | 12676025 | 0.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:15:34 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2790439 | 2809110 | 2802651 | 2800733 | 0.34   | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P7  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:19:17 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7854353   | 7904406   | 7871401   | 7876720   | 0.32   | cps   |
| Antimony   | 121-1 | 12548     | 12439     | 13023     | 12670     | 2.45   | cps   |
| Arsenic    | 75-2  | 150       | 143       | 120       | 138       | 11.20  | cps   |
| Barium     | 135-1 | 3326      | 3559      | 3542      | 3476      | 3.75   | cps   |
| Barium     | 137-1 | 6402      | 6327      | 6043      | 6257      | 3.02   | cps   |
| Beryllium  | 9-1   | 772       | 650       | 728       | 717       | 8.63   | cps   |
| Bismuth    | 209-1 | 8248412   | 8193663   | 8216659   | 8219578   | 0.33   | cps   |
| Bismuth    | 209-2 | 4979247   | 4988761   | 4970538   | 4979515   | 0.18   | cps   |
| Boron      | 10-1  | 7711      | 6710      | 6393      | 6938      | 9.91   | cps   |
| Boron      | 11-1  | 36211     | 31083     | 28987     | 32094     | 11.58  | cps   |
| Cadmium    | 111-1 | 2216      | 2200      | 2134      | 2183      | 1.98   | cps   |
| Cadmium    | 106-1 | 2734      | 2642      | 2667      | 2681      | 1.77   | cps   |
| Cadmium    | 108-1 | 21        | 58        | 17        | 32        | 71.84  | cps   |
| Calcium    | 43-1  | 11397054  | 11430221  | 11415255  | 11414176  | 0.15   | cps   |
| Calcium    | 44-1  | 184100567 | 184769233 | 184772467 | 184547422 | 0.21   | cps   |
| Chromium   | 52-2  | 106887    | 107065    | 107559    | 107170    | 0.32   | cps   |
| Cobalt     | 59-2  | 6552      | 6798      | 6878      | 6743      | 2.53   | cps   |
| Copper     | 63-2  | 9823      | 9827      | 9797      | 9816      | 0.17   | cps   |
| Dysprosium | 156-1 | 67        | 125       | 100       | 97        | 30.10  | cps   |
| Dysprosium | 156-2 | 30        | 20        | 40        | 30        | 33.33  | cps   |
| Erbium     | 164-1 | 58        | 75        | 33        | 56        | 37.75  | cps   |
| Erbium     | 164-2 | 33        | 27        | 33        | 31        | 12.36  | cps   |
| Gadolinium | 160-1 | 108       | 25        | 133       | 89        | 63.82  | cps   |
| Gadolinium | 160-2 | 187       | 183       | 183       | 184       | 1.04   | cps   |
| Holmium    | 165-1 | 13925677  | 13941541  | 13837043  | 13901420  | 0.41   | cps   |
| Holmium    | 165-2 | 7277058   | 7312162   | 7319517   | 7302912   | 0.31   | cps   |
| Indium     | 115-1 | 9815948   | 9767930   | 9839438   | 9807772   | 0.37   | cps   |
| Indium     | 115-2 | 2173530   | 2178046   | 2182539   | 2178038   | 0.21   | cps   |
| Iron       | 56-2  | 470707311 | 473531222 | 471815277 | 472017936 | 0.30   | cps   |
| Iron       | 57-2  | 11573318  | 11573942  | 11540818  | 11562693  | 0.16   | cps   |
| Lead       | 206-1 | 35074     | 35598     | 34462     | 35045     | 1.62   | cps   |
| Lead       | 207-1 | 29979     | 30580     | 30263     | 30274     | 0.99   | cps   |
| Lead       | 208-1 | 140170    | 141446    | 139624    | 140413    | 0.67   | cps   |
| Lithium    | 6-1   | 2864304   | 2897911   | 2886373   | 2882863   | 0.59   | cps   |
| Magnesium  | 24-2  | 90573981  | 90619952  | 90526210  | 90573381  | 0.05   | cps   |
| Manganese  | 55-2  | 14861     | 14304     | 14347     | 14504     | 2.14   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95762             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-31 20:19:17 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 20808     | 21133     | 20282     | 20741     | 2.07   | cps   |
| Molybdenum | 95-1  | 34092     | 33315     | 33281     | 33563     | 1.37   | cps   |
| Molybdenum | 96-1  | 39214     | 40049     | 38469     | 39244     | 2.01   | cps   |
| Molybdenum | 97-1  | 20866     | 21592     | 20415     | 20958     | 2.83   | cps   |
| Molybdenum | 98-1  | 52447     | 50968     | 52314     | 51910     | 1.58   | cps   |
| Neodymium  | 150-1 | 87        | 127       | 153       | 122       | 27.45  | cps   |
| Neodymium  | 150-2 | 50        | 43        | 50        | 48        | 8.06   | cps   |
| Nickel     | 60-2  | 26815     | 26871     | 26588     | 26758     | 0.56   | cps   |
| Phosphorus | 31-2  | 217       | 175       | 192       | 194       | 10.79  | cps   |
| Potassium  | 39-2  | 45598696  | 45703964  | 45843225  | 45715295  | 0.27   | cps   |
| Rhodium    | 103-1 | 8525213   | 8457743   | 8481752   | 8488236   | 0.40   | cps   |
| Rhodium    | 103-2 | 4226890   | 4225552   | 4214967   | 4222470   | 0.15   | cps   |
| Scandium   | 45-1  | 6480832   | 6461976   | 6534786   | 6492531   | 0.58   | cps   |
| Scandium   | 45-2  | 318705    | 316454    | 317981    | 317714    | 0.36   | cps   |
| Selenium   | 77-2  | 7         | 10        | 17        | 11        | 45.82  | cps   |
| Selenium   | 78-2  | 100       | 57        | 94        | 84        | 27.58  | cps   |
| Selenium   | 82-1  | 129       | 187       | 101       | 139       | 31.36  | cps   |
| Silicon    | 28-1  | 544989    | 545713    | 547899    | 546200    | 0.28   | cps   |
| Silver     | 109-1 | 1025      | 1117      | 917       | 1020      | 9.82   | cps   |
| Silver     | 107-1 | 933       | 933       | 1058      | 975       | 7.40   | cps   |
| Sodium     | 23-2  | 169972091 | 169750112 | 171559279 | 170427161 | 0.58   | cps   |
| Strontium  | 86-1  | 80115     | 80148     | 80124     | 80129     | 0.02   | cps   |
| Strontium  | 88-1  | 698113    | 703334    | 697896    | 699781    | 0.44   | cps   |
| Sulfur     | 34-1  | 232207    | 232723    | 236962    | 233964    | 1.12   | cps   |
| Terbium    | 159-1 | 14276996  | 14212910  | 14150068  | 14213325  | 0.45   | cps   |
| Terbium    | 159-2 | 7230666   | 7278834   | 7206559   | 7238687   | 0.51   | cps   |
| Thallium   | 203-1 | 4368      | 4168      | 4243      | 4259      | 2.37   | cps   |
| Thallium   | 205-1 | 10521     | 10038     | 9679      | 10079     | 4.19   | cps   |
| Tin        | 118-1 | 18413     | 18738     | 18555     | 18568     | 0.88   | cps   |
| Titanium   | 47-1  | 3184      | 2617      | 2867      | 2889      | 9.83   | cps   |
| Uranium    | 238-1 | 3934      | 3859      | 4168      | 3987      | 4.03   | cps   |
| Vanadium   | 51-2  | 1010      | 893       | 1037      | 980       | 7.78   | cps   |
| Yttrium    | 89-1  | 10746519  | 10761302  | 10746288  | 10751370  | 0.08   | cps   |
| Yttrium    | 89-2  | 1716952   | 1725470   | 1722253   | 1721559   | 0.25   | cps   |
| Zinc       | 66-2  | 3987      | 4134      | 3797      | 3973      | 4.25   | cps   |
| Zirconium  | 90-1  | 4918      | 4434      | 4501      | 4618      | 5.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:19:17 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 925  | 1108 | 1125 | 1053    | 10.54  | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P7  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:23:06 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 40222    | 40021    | 38576    | 39606    | 2.27   | cps   |
| Antimony   | 121-1 | 1499917  | 1517709  | 1521963  | 1513196  | 0.77   | cps   |
| Arsenic    | 75-2  | 55132    | 55368    | 55507    | 55336    | 0.34   | cps   |
| Barium     | 135-1 | 192057   | 194872   | 196038   | 194322   | 1.05   | cps   |
| Barium     | 137-1 | 335875   | 341294   | 338728   | 338632   | 0.80   | cps   |
| Beryllium  | 9-1   | 149069   | 149433   | 151569   | 150024   | 0.90   | cps   |
| Bismuth    | 209-1 | 9292372  | 9358289  | 9386022  | 9345561  | 0.51   | cps   |
| Bismuth    | 209-2 | 5848903  | 5844364  | 5810006  | 5834424  | 0.36   | cps   |
| Boron      | 10-1  | 92642    | 90780    | 92776    | 92066    | 1.21   | cps   |
| Boron      | 11-1  | 413800   | 421080   | 427546   | 420808   | 1.63   | cps   |
| Cadmium    | 111-1 | 180134   | 181507   | 181858   | 181166   | 0.50   | cps   |
| Cadmium    | 106-1 | 32588    | 31762    | 32672    | 32341    | 1.56   | cps   |
| Cadmium    | 108-1 | 16489    | 16977    | 17086    | 16851    | 1.89   | cps   |
| Calcium    | 43-1  | 48990    | 49776    | 49300    | 49355    | 0.80   | cps   |
| Calcium    | 44-1  | 750536   | 752604   | 763165   | 755435   | 0.90   | cps   |
| Chromium   | 52-2  | 239152   | 241065   | 237532   | 239250   | 0.74   | cps   |
| Cobalt     | 59-2  | 390907   | 389561   | 390251   | 390240   | 0.17   | cps   |
| Copper     | 63-2  | 277986   | 275930   | 276427   | 276781   | 0.39   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 8        | 17       | 86.62  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 67       | 108      | 125      | 100      | 30.05  | cps   |
| Erbium     | 164-2 | 33       | 43       | 53       | 43       | 23.08  | cps   |
| Gadolinium | 160-1 | 50       | 58       | 58       | 56       | 8.67   | cps   |
| Gadolinium | 160-2 | 153      | 147      | 183      | 161      | 12.12  | cps   |
| Holmium    | 165-1 | 14079711 | 14210996 | 14240269 | 14176992 | 0.60   | cps   |
| Holmium    | 165-2 | 7600187  | 7613467  | 7588917  | 7600857  | 0.16   | cps   |
| Indium     | 115-1 | 10495598 | 10627869 | 10636193 | 10586553 | 0.75   | cps   |
| Indium     | 115-2 | 2384975  | 2382424  | 2390624  | 2386008  | 0.18   | cps   |
| Iron       | 56-2  | 2035024  | 2043883  | 2039089  | 2039332  | 0.22   | cps   |
| Iron       | 57-2  | 49947    | 50772    | 50008    | 50242    | 0.92   | cps   |
| Lead       | 206-1 | 1285235  | 1289231  | 1293714  | 1289393  | 0.33   | cps   |
| Lead       | 207-1 | 1136992  | 1148442  | 1147693  | 1144376  | 0.56   | cps   |
| Lead       | 208-1 | 5209351  | 5258325  | 5256679  | 5241452  | 0.53   | cps   |
| Lithium    | 6-1   | 3078070  | 3121723  | 3114043  | 3104612  | 0.75   | cps   |
| Magnesium  | 24-2  | 226910   | 226555   | 226140   | 226535   | 0.17   | cps   |
| Manganese  | 55-2  | 141337   | 139745   | 138615   | 139899   | 0.98   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:23:06 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3273934  | 3298403  | 3288220  | 3286852  | 0.37   | cps   |
| Molybdenum | 95-1  | 1799097  | 1819937  | 1803409  | 1807481  | 0.61   | cps   |
| Molybdenum | 96-1  | 2286588  | 2316750  | 2317908  | 2307082  | 0.77   | cps   |
| Molybdenum | 97-1  | 1115890  | 1113867  | 1115127  | 1114961  | 0.09   | cps   |
| Molybdenum | 98-1  | 2899374  | 2922254  | 2926589  | 2916072  | 0.50   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 102566   | 101871   | 101596   | 102011   | 0.49   | cps   |
| Phosphorus | 31-2  | 250      | 150      | 167      | 189      | 28.36  | cps   |
| Potassium  | 39-2  | 413846   | 416179   | 413898   | 414641   | 0.32   | cps   |
| Rhodium    | 103-1 | 9644393  | 9694081  | 9788626  | 9709034  | 0.75   | cps   |
| Rhodium    | 103-2 | 4965154  | 4945521  | 4903644  | 4938106  | 0.64   | cps   |
| Scandium   | 45-1  | 6678539  | 6728055  | 6805030  | 6737208  | 0.95   | cps   |
| Scandium   | 45-2  | 333591   | 334370   | 330769   | 332910   | 0.57   | cps   |
| Selenium   | 77-2  | 1127     | 1183     | 1297     | 1202     | 7.20   | cps   |
| Selenium   | 78-2  | 3941     | 3828     | 3845     | 3872     | 1.58   | cps   |
| Selenium   | 82-1  | 21417    | 21524    | 21577    | 21506    | 0.38   | cps   |
| Silicon    | 28-1  | 2615068  | 2619330  | 2638259  | 2624219  | 0.47   | cps   |
| Silver     | 109-1 | 840810   | 843908   | 849200   | 844639   | 0.50   | cps   |
| Silver     | 107-1 | 884235   | 881445   | 887989   | 884556   | 0.37   | cps   |
| Sodium     | 23-2  | 745353   | 745808   | 738586   | 743249   | 0.54   | cps   |
| Strontium  | 86-1  | 1176132  | 1191845  | 1179558  | 1182512  | 0.70   | cps   |
| Strontium  | 88-1  | 10428015 | 10514334 | 10493252 | 10478534 | 0.43   | cps   |
| Sulfur     | 34-1  | 241401   | 240179   | 238225   | 239935   | 0.67   | cps   |
| Terbium    | 159-1 | 14571077 | 14594030 | 14702153 | 14622420 | 0.48   | cps   |
| Terbium    | 159-2 | 7540082  | 7536152  | 7522123  | 7532786  | 0.13   | cps   |
| Thallium   | 203-1 | 1591271  | 1615006  | 1604868  | 1603715  | 0.74   | cps   |
| Thallium   | 205-1 | 3903383  | 3953994  | 3926897  | 3928091  | 0.64   | cps   |
| Tin        | 118-1 | 3034243  | 3054142  | 3044779  | 3044388  | 0.33   | cps   |
| Titanium   | 47-1  | 510768   | 504331   | 505964   | 507021   | 0.66   | cps   |
| Uranium    | 238-1 | 14022916 | 14075098 | 14087901 | 14061972 | 0.24   | cps   |
| Vanadium   | 51-2  | 201752   | 204487   | 203967   | 203402   | 0.71   | cps   |
| Yttrium    | 89-1  | 11136230 | 11193647 | 11208757 | 11179544 | 0.34   | cps   |
| Yttrium    | 89-2  | 1818110  | 1804306  | 1807023  | 1809813  | 0.40   | cps   |
| Zinc       | 66-2  | 76311    | 76677    | 75923    | 76303    | 0.49   | cps   |
| Zirconium  | 90-1  | 6226453  | 6253081  | 6269882  | 6249805  | 0.35   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:23:06 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1359971 | 1368348 | 1371603 | 1366641 | 0.44   | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:26:40 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 133      | 100      | 128      | 19.93  | cps   |
| Antimony   | 121-1 | 2584     | 2925     | 2950     | 2820     | 7.27   | cps   |
| Arsenic    | 75-2  | 4        | 13       | 17       | 11       | 60.13  | cps   |
| Barium     | 135-1 | 83       | 50       | 150      | 94       | 53.91  | cps   |
| Barium     | 137-1 | 92       | 200      | 217      | 169      | 40.06  | cps   |
| Beryllium  | 9-1   | 322      | 433      | 333      | 363      | 16.86  | cps   |
| Bismuth    | 209-1 | 9306941  | 9267175  | 9260716  | 9278278  | 0.27   | cps   |
| Bismuth    | 209-2 | 5734589  | 5783454  | 5781764  | 5766602  | 0.48   | cps   |
| Boron      | 10-1  | 3025     | 2817     | 2659     | 2834     | 6.49   | cps   |
| Boron      | 11-1  | 14274    | 12714    | 13181    | 13390    | 5.98   | cps   |
| Cadmium    | 111-1 | 1957     | 1974     | 1751     | 1894     | 6.54   | cps   |
| Cadmium    | 106-1 | 2759     | 2784     | 2467     | 2670     | 6.60   | cps   |
| Cadmium    | 108-1 | 4        | 0        | 13       | 6        | 114.53 | cps   |
| Calcium    | 43-1  | 167      | 217      | 175      | 186      | 14.40  | cps   |
| Calcium    | 44-1  | 6585     | 6785     | 6252     | 6541     | 4.12   | cps   |
| Chromium   | 52-2  | 303      | 300      | 367      | 323      | 11.62  | cps   |
| Cobalt     | 59-2  | 213      | 163      | 237      | 204      | 18.32  | cps   |
| Copper     | 63-2  | 797      | 807      | 783      | 796      | 1.47   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 50       | 42       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 20       | 13       | 13       | 16       | 24.76  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 58       | 67       | 12.49  | cps   |
| Gadolinium | 160-2 | 143      | 167      | 117      | 142      | 17.59  | cps   |
| Holmium    | 165-1 | 14233594 | 14134284 | 14015837 | 14127905 | 0.77   | cps   |
| Holmium    | 165-2 | 7506150  | 7613718  | 7570223  | 7563364  | 0.72   | cps   |
| Indium     | 115-1 | 10760044 | 10584183 | 10655143 | 10666457 | 0.83   | cps   |
| Indium     | 115-2 | 2378663  | 2410880  | 2402057  | 2397200  | 0.69   | cps   |
| Iron       | 56-2  | 11861    | 11627    | 10988    | 11492    | 3.93   | cps   |
| Iron       | 57-2  | 583      | 528      | 544      | 552      | 5.17   | cps   |
| Lead       | 206-1 | 1239     | 1122     | 1167     | 1176     | 5.01   | cps   |
| Lead       | 207-1 | 989      | 1006     | 1045     | 1013     | 2.81   | cps   |
| Lead       | 208-1 | 4762     | 4673     | 4562     | 4665     | 2.15   | cps   |
| Lithium    | 6-1   | 3088201  | 3076207  | 3087394  | 3083934  | 0.22   | cps   |
| Magnesium  | 24-2  | 1158     | 1167     | 1175     | 1167     | 0.72   | cps   |
| Manganese  | 55-2  | 87       | 80       | 83       | 83       | 4.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:26:40 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 775      | 742      | 758      | 2.20   | cps   |
| Molybdenum | 95-1  | 700      | 675      | 650      | 675      | 3.70   | cps   |
| Molybdenum | 96-1  | 1025     | 967      | 708      | 900      | 18.73  | cps   |
| Molybdenum | 97-1  | 392      | 458      | 517      | 456      | 13.73  | cps   |
| Molybdenum | 98-1  | 1167     | 950      | 1233     | 1117     | 13.27  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 77       | 77       | 67       | 73       | 7.87   | cps   |
| Phosphorus | 31-2  | 183      | 158      | 125      | 156      | 18.81  | cps   |
| Potassium  | 39-2  | 31793    | 32202    | 32679    | 32225    | 1.37   | cps   |
| Rhodium    | 103-1 | 9761720  | 9740449  | 9735943  | 9746037  | 0.14   | cps   |
| Rhodium    | 103-2 | 4914149  | 4945822  | 4942736  | 4934236  | 0.35   | cps   |
| Scandium   | 45-1  | 6796144  | 6735825  | 6755958  | 6762643  | 0.45   | cps   |
| Scandium   | 45-2  | 331769   | 336222   | 335040   | 334344   | 0.69   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 93       | 72       | 65       | 77       | 18.79  | cps   |
| Selenium   | 82-1  | 49       | 23       | 62       | 45       | 45.16  | cps   |
| Silicon    | 28-1  | 336418   | 337218   | 337072   | 336903   | 0.13   | cps   |
| Silver     | 109-1 | 150      | 183      | 158      | 164      | 10.58  | cps   |
| Silver     | 107-1 | 233      | 217      | 175      | 208      | 14.42  | cps   |
| Sodium     | 23-2  | 36345    | 35359    | 35785    | 35830    | 1.38   | cps   |
| Strontium  | 86-1  | 533      | 625      | 575      | 578      | 7.94   | cps   |
| Strontium  | 88-1  | 625      | 608      | 458      | 564      | 16.28  | cps   |
| Sulfur     | 34-1  | 247835   | 243171   | 247000   | 246002   | 1.01   | cps   |
| Terbium    | 159-1 | 14507627 | 14532067 | 14480749 | 14506814 | 0.18   | cps   |
| Terbium    | 159-2 | 7438683  | 7534827  | 7483593  | 7485701  | 0.64   | cps   |
| Thallium   | 203-1 | 967      | 792      | 767      | 842      | 12.95  | cps   |
| Thallium   | 205-1 | 2034     | 1700     | 1775     | 1836     | 9.52   | cps   |
| Tin        | 118-1 | 3359     | 3334     | 3242     | 3312     | 1.85   | cps   |
| Titanium   | 47-1  | 208      | 242      | 183      | 211      | 13.86  | cps   |
| Uranium    | 238-1 | 1058     | 800      | 817      | 892      | 16.21  | cps   |
| Vanadium   | 51-2  | 20       | 23       | 30       | 24       | 20.83  | cps   |
| Yttrium    | 89-1  | 11285039 | 11196609 | 11169665 | 11217104 | 0.54   | cps   |
| Yttrium    | 89-2  | 1792927  | 1817115  | 1810172  | 1806738  | 0.69   | cps   |
| Zinc       | 66-2  | 600      | 600      | 613      | 604      | 1.27   | cps   |
| Zirconium  | 90-1  | 1183     | 1108     | 1117     | 1136     | 3.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:26:40 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 208  | 175  | 219     | 23.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7277586   | 7364974   | 7291001   | 7311187   | 0.64   | cps   |
| Antimony   | 121-1 | 10613     | 11797     | 10988     | 11133     | 5.44   | cps   |
| Arsenic    | 75-2  | 93        | 119       | 83        | 98        | 18.59  | cps   |
| Barium     | 135-1 | 3025      | 2875      | 2700      | 2867      | 5.67   | cps   |
| Barium     | 137-1 | 5001      | 5268      | 5410      | 5226      | 3.97   | cps   |
| Beryllium  | 9-1   | 672       | 633       | 667       | 657       | 3.20   | cps   |
| Bismuth    | 209-1 | 8743772   | 8739101   | 8819663   | 8767512   | 0.52   | cps   |
| Bismuth    | 209-2 | 5421837   | 5457298   | 5460268   | 5446468   | 0.39   | cps   |
| Boron      | 10-1  | 2092      | 2059      | 2159      | 2103      | 2.42   | cps   |
| Boron      | 11-1  | 9929      | 8870      | 9562      | 9453      | 5.69   | cps   |
| Cadmium    | 111-1 | 2387      | 2181      | 2276      | 2281      | 4.52   | cps   |
| Cadmium    | 106-1 | 2784      | 2334      | 2409      | 2509      | 9.61   | cps   |
| Cadmium    | 108-1 | 1142      | 1117      | 1133      | 1131      | 1.13   | cps   |
| Calcium    | 43-1  | 2176051   | 2193781   | 2169492   | 2179775   | 0.58   | cps   |
| Calcium    | 44-1  | 35314730  | 35692381  | 35380758  | 35462623  | 0.57   | cps   |
| Chromium   | 52-2  | 45667     | 46697     | 46530     | 46298     | 1.19   | cps   |
| Cobalt     | 59-2  | 4451      | 4584      | 4384      | 4473      | 2.28   | cps   |
| Copper     | 63-2  | 20461     | 20451     | 20708     | 20540     | 0.71   | cps   |
| Dysprosium | 156-1 | 25        | 25        | 17        | 22        | 21.64  | cps   |
| Dysprosium | 156-2 | 7         | 30        | 20        | 19        | 61.96  | cps   |
| Erbium     | 164-1 | 42        | 67        | 117       | 75        | 50.92  | cps   |
| Erbium     | 164-2 | 30        | 23        | 27        | 27        | 12.51  | cps   |
| Gadolinium | 160-1 | 50        | 92        | 58        | 67        | 33.07  | cps   |
| Gadolinium | 160-2 | 140       | 177       | 163       | 160       | 11.60  | cps   |
| Holmium    | 165-1 | 14192046  | 14136813  | 14211334  | 14180064  | 0.27   | cps   |
| Holmium    | 165-2 | 7536712   | 7559506   | 7601806   | 7566008   | 0.44   | cps   |
| Indium     | 115-1 | 10310274  | 10327337  | 10395018  | 10344210  | 0.43   | cps   |
| Indium     | 115-2 | 2304237   | 2316925   | 2318615   | 2313259   | 0.34   | cps   |
| Iron       | 56-2  | 193186399 | 193247810 | 193380127 | 193271445 | 0.05   | cps   |
| Iron       | 57-2  | 4780901   | 4804861   | 4809390   | 4798384   | 0.32   | cps   |
| Lead       | 206-1 | 29116     | 29071     | 27902     | 28696     | 2.40   | cps   |
| Lead       | 207-1 | 22581     | 22837     | 23811     | 23076     | 2.81   | cps   |
| Lead       | 208-1 | 109791    | 109036    | 109460    | 109429    | 0.35   | cps   |
| Lithium    | 6-1   | 2987342   | 2963201   | 2957606   | 2969383   | 0.53   | cps   |
| Magnesium  | 24-2  | 17660495  | 17735433  | 17822433  | 17739454  | 0.46   | cps   |
| Manganese  | 55-2  | 10971     | 11081     | 10881     | 10978     | 0.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4074166  | 4077804  | 4065693  | 4072554  | 0.15   | cps   |
| Molybdenum | 95-1  | 7092075  | 7169780  | 7121394  | 7127750  | 0.55   | cps   |
| Molybdenum | 96-1  | 7566894  | 7643572  | 7632606  | 7614357  | 0.54   | cps   |
| Molybdenum | 97-1  | 4427748  | 4434981  | 4423330  | 4428686  | 0.13   | cps   |
| Molybdenum | 98-1  | 11411749 | 11500816 | 11459105 | 11457223 | 0.39   | cps   |
| Neodymium  | 150-1 | 53       | 20       | 27       | 33       | 52.92  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 3        | 10       | 57.75  | cps   |
| Nickel     | 60-2  | 5181     | 5131     | 5208     | 5173     | 0.75   | cps   |
| Phosphorus | 31-2  | 398868   | 401310   | 399378   | 399852   | 0.32   | cps   |
| Potassium  | 39-2  | 18281493 | 18567026 | 18426730 | 18425083 | 0.77   | cps   |
| Rhodium    | 103-1 | 9123556  | 9186258  | 9153000  | 9154272  | 0.34   | cps   |
| Rhodium    | 103-2 | 4638732  | 4619767  | 4622475  | 4626992  | 0.22   | cps   |
| Scandium   | 45-1  | 6645290  | 6659421  | 6624575  | 6643095  | 0.26   | cps   |
| Scandium   | 45-2  | 323897   | 324743   | 326621   | 325087   | 0.43   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 63       | 69       | 94       | 75       | 22.32  | cps   |
| Selenium   | 82-1  | 37       | 95       | 64       | 65       | 44.25  | cps   |
| Silicon    | 28-1  | 444063   | 444560   | 445799   | 444807   | 0.20   | cps   |
| Silver     | 109-1 | 917      | 1042     | 950      | 970      | 6.68   | cps   |
| Silver     | 107-1 | 992      | 1133     | 958      | 1028     | 9.04   | cps   |
| Sodium     | 23-2  | 33877242 | 34236306 | 34251548 | 34121699 | 0.62   | cps   |
| Strontium  | 86-1  | 80744    | 82957    | 79671    | 81124    | 2.07   | cps   |
| Strontium  | 88-1  | 707864   | 711668   | 710575   | 710035   | 0.28   | cps   |
| Sulfur     | 34-1  | 3289178  | 3275469  | 3258256  | 3274301  | 0.47   | cps   |
| Terbium    | 159-1 | 14496399 | 14613520 | 14619153 | 14576357 | 0.48   | cps   |
| Terbium    | 159-2 | 7470656  | 7484464  | 7500984  | 7485368  | 0.20   | cps   |
| Thallium   | 203-1 | 1600     | 1458     | 1350     | 1470     | 8.53   | cps   |
| Thallium   | 205-1 | 3909     | 3634     | 3484     | 3676     | 5.87   | cps   |
| Tin        | 118-1 | 2842     | 2475     | 2409     | 2575     | 9.06   | cps   |
| Titanium   | 47-1  | 2022732  | 2020965  | 2011892  | 2018529  | 0.29   | cps   |
| Uranium    | 238-1 | 808      | 750      | 683      | 747      | 8.37   | cps   |
| Vanadium   | 51-2  | 280      | 343      | 373      | 332      | 14.34  | cps   |
| Yttrium    | 89-1  | 11072618 | 11170895 | 11206046 | 11149853 | 0.62   | cps   |
| Yttrium    | 89-2  | 1783407  | 1786866  | 1779430  | 1783234  | 0.21   | cps   |
| Zinc       | 66-2  | 5214     | 5594     | 5421     | 5410     | 3.52   | cps   |
| Zirconium  | 90-1  | 2159     | 2417     | 2059     | 2211     | 8.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:30:14 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 500  | 517  | 350  | 456     | 20.15  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7377407   | 7346493   | 7327301   | 7350400   | 0.34   | cps   |
| Antimony   | 121-1 | 158593    | 159902    | 158605    | 159034    | 0.47   | cps   |
| Arsenic    | 75-2  | 5344      | 5583      | 5270      | 5399      | 3.03   | cps   |
| Barium     | 135-1 | 41672     | 42173     | 41321     | 41722     | 1.03   | cps   |
| Barium     | 137-1 | 70939     | 73176     | 70487     | 71534     | 2.01   | cps   |
| Beryllium  | 9-1   | 29758     | 29908     | 30370     | 30012     | 1.06   | cps   |
| Bismuth    | 209-1 | 8775900   | 8829712   | 8814261   | 8806624   | 0.31   | cps   |
| Bismuth    | 209-2 | 5412152   | 5450651   | 5446574   | 5436459   | 0.39   | cps   |
| Boron      | 10-1  | 10037     | 10312     | 10154     | 10168     | 1.36   | cps   |
| Boron      | 11-1  | 46924     | 48069     | 47191     | 47395     | 1.26   | cps   |
| Cadmium    | 111-1 | 35156     | 36167     | 35797     | 35707     | 1.43   | cps   |
| Cadmium    | 106-1 | 6944      | 7269      | 6744      | 6985      | 3.80   | cps   |
| Cadmium    | 108-1 | 3955      | 3892      | 3680      | 3842      | 3.75   | cps   |
| Calcium    | 43-1  | 2178456   | 2182514   | 2189407   | 2183459   | 0.25   | cps   |
| Calcium    | 44-1  | 35526264  | 35352337  | 35727684  | 35535429  | 0.53   | cps   |
| Chromium   | 52-2  | 96671     | 95836     | 95204     | 95904     | 0.77   | cps   |
| Cobalt     | 59-2  | 78408     | 78877     | 78884     | 78723     | 0.35   | cps   |
| Copper     | 63-2  | 73102     | 72401     | 74023     | 73175     | 1.11   | cps   |
| Dysprosium | 156-1 | 42        | 50        | 42        | 44        | 10.82  | cps   |
| Dysprosium | 156-2 | 27        | 13        | 3         | 14        | 81.07  | cps   |
| Erbium     | 164-1 | 83        | 67        | 50        | 67        | 25.00  | cps   |
| Erbium     | 164-2 | 43        | 43        | 57        | 48        | 16.12  | cps   |
| Gadolinium | 160-1 | 83        | 83        | 50        | 72        | 26.65  | cps   |
| Gadolinium | 160-2 | 140       | 160       | 140       | 147       | 7.87   | cps   |
| Holmium    | 165-1 | 14284510  | 14312267  | 14317165  | 14304647  | 0.12   | cps   |
| Holmium    | 165-2 | 7577366   | 7617002   | 7576113   | 7590160   | 0.31   | cps   |
| Indium     | 115-1 | 10448870  | 10464630  | 10533821  | 10482440  | 0.43   | cps   |
| Indium     | 115-2 | 2329214   | 2335034   | 2334514   | 2332921   | 0.14   | cps   |
| Iron       | 56-2  | 193904115 | 193066043 | 193300965 | 193423708 | 0.22   | cps   |
| Iron       | 57-2  | 4812502   | 4808908   | 4812184   | 4811198   | 0.04   | cps   |
| Lead       | 206-1 | 151166    | 152104    | 153047    | 152106    | 0.62   | cps   |
| Lead       | 207-1 | 128442    | 130394    | 129563    | 129466    | 0.76   | cps   |
| Lead       | 208-1 | 594698    | 595985    | 598942    | 596541    | 0.36   | cps   |
| Lithium    | 6-1   | 2952169   | 2959773   | 2950502   | 2954148   | 0.17   | cps   |
| Magnesium  | 24-2  | 17812122  | 17717263  | 17746197  | 17758527  | 0.27   | cps   |
| Manganese  | 55-2  | 38273     | 38113     | 37976     | 38121     | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4445755  | 4448364  | 4489909  | 4461343  | 0.56   | cps   |
| Molybdenum | 95-1  | 7316353  | 7410903  | 7363506  | 7363587  | 0.64   | cps   |
| Molybdenum | 96-1  | 7869456  | 7917272  | 7927013  | 7904580  | 0.39   | cps   |
| Molybdenum | 97-1  | 4559914  | 4575491  | 4575866  | 4570424  | 0.20   | cps   |
| Molybdenum | 98-1  | 11841338 | 11799115 | 11860251 | 11833568 | 0.26   | cps   |
| Neodymium  | 150-1 | 53       | 73       | 60       | 62       | 16.37  | cps   |
| Neodymium  | 150-2 | 13       | 27       | 20       | 20       | 33.35  | cps   |
| Nickel     | 60-2  | 25202    | 25112    | 24888    | 25067    | 0.64   | cps   |
| Phosphorus | 31-2  | 403172   | 399436   | 400217   | 400942   | 0.49   | cps   |
| Potassium  | 39-2  | 18552001 | 18449161 | 18426488 | 18475884 | 0.36   | cps   |
| Rhodium    | 103-1 | 9232274  | 9314344  | 9230142  | 9258920  | 0.52   | cps   |
| Rhodium    | 103-2 | 4651711  | 4636763  | 4670368  | 4652947  | 0.36   | cps   |
| Scandium   | 45-1  | 6702122  | 6697356  | 6696415  | 6698631  | 0.05   | cps   |
| Scandium   | 45-2  | 329139   | 325203   | 326204   | 326849   | 0.63   | cps   |
| Selenium   | 77-2  | 117      | 113      | 97       | 109      | 9.84   | cps   |
| Selenium   | 78-2  | 485      | 428      | 420      | 444      | 7.98   | cps   |
| Selenium   | 82-1  | 2038     | 2086     | 2088     | 2070     | 1.36   | cps   |
| Silicon    | 28-1  | 694317   | 696758   | 698907   | 696661   | 0.33   | cps   |
| Silver     | 109-1 | 152868   | 155267   | 155243   | 154459   | 0.89   | cps   |
| Silver     | 107-1 | 162622   | 162068   | 160297   | 161662   | 0.75   | cps   |
| Sodium     | 23-2  | 34070459 | 34158785 | 34113137 | 34114127 | 0.13   | cps   |
| Strontium  | 86-1  | 207553   | 208544   | 205557   | 207218   | 0.73   | cps   |
| Strontium  | 88-1  | 1820622  | 1834134  | 1832315  | 1829024  | 0.40   | cps   |
| Sulfur     | 34-1  | 3296721  | 3285740  | 3297947  | 3293469  | 0.20   | cps   |
| Terbium    | 159-1 | 14664581 | 14656844 | 14665656 | 14662361 | 0.03   | cps   |
| Terbium    | 159-2 | 7469495  | 7469456  | 7555345  | 7498099  | 0.66   | cps   |
| Thallium   | 203-1 | 148950   | 153097   | 151183   | 151077   | 1.37   | cps   |
| Thallium   | 205-1 | 366086   | 365683   | 364478   | 365416   | 0.23   | cps   |
| Tin        | 118-1 | 314649   | 318051   | 321218   | 317972   | 1.03   | cps   |
| Titanium   | 47-1  | 2079543  | 2074586  | 2075482  | 2076537  | 0.13   | cps   |
| Uranium    | 238-1 | 1481606  | 1481202  | 1492977  | 1485262  | 0.45   | cps   |
| Vanadium   | 51-2  | 40124    | 40034    | 39901    | 40020    | 0.28   | cps   |
| Yttrium    | 89-1  | 11180684 | 11284757 | 11259915 | 11241786 | 0.48   | cps   |
| Yttrium    | 89-2  | 1798109  | 1788540  | 1804612  | 1797087  | 0.45   | cps   |
| Zinc       | 66-2  | 12749    | 12836    | 12349    | 12645    | 2.05   | cps   |
| Zirconium  | 90-1  | 658685   | 660408   | 668619   | 662571   | 0.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:33:48 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 146208 | 149170 | 149726 | 148368  | 1.27   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4163368   | 4189325   | 4160344   | 4171012   | 0.38   | cps   |
| Antimony   | 121-1 | 3918459   | 3943502   | 3884792   | 3915584   | 0.75   | cps   |
| Arsenic    | 75-2  | 139500    | 138903    | 137675    | 138693    | 0.67   | cps   |
| Barium     | 135-1 | 5067395   | 5066557   | 5033640   | 5055864   | 0.38   | cps   |
| Barium     | 137-1 | 8720580   | 8719094   | 8714599   | 8718091   | 0.04   | cps   |
| Beryllium  | 9-1   | 763268    | 758610    | 761411    | 761096    | 0.31   | cps   |
| Bismuth    | 209-1 | 8581444   | 8495972   | 8533309   | 8536908   | 0.50   | cps   |
| Bismuth    | 209-2 | 5276373   | 5251483   | 5259113   | 5262323   | 0.24   | cps   |
| Boron      | 10-1  | 81737     | 82961     | 85349     | 83349     | 2.20   | cps   |
| Boron      | 11-1  | 379259    | 381660    | 388332    | 383084    | 1.23   | cps   |
| Cadmium    | 111-1 | 843208    | 847772    | 838539    | 843173    | 0.55   | cps   |
| Cadmium    | 106-1 | 91067     | 91947     | 93801     | 92272     | 1.51   | cps   |
| Cadmium    | 108-1 | 62655     | 62374     | 62433     | 62487     | 0.24   | cps   |
| Calcium    | 43-1  | 5790691   | 5779230   | 5770942   | 5780288   | 0.17   | cps   |
| Calcium    | 44-1  | 93204273  | 93229256  | 92914529  | 93116019  | 0.19   | cps   |
| Chromium   | 52-2  | 1281933   | 1282180   | 1284360   | 1282824   | 0.10   | cps   |
| Cobalt     | 59-2  | 1904202   | 1901334   | 1900139   | 1901892   | 0.11   | cps   |
| Copper     | 63-2  | 2595164   | 2602062   | 2601535   | 2599587   | 0.15   | cps   |
| Dysprosium | 156-1 | 133       | 142       | 42        | 106       | 52.56  | cps   |
| Dysprosium | 156-2 | 110       | 47        | 80        | 79        | 40.16  | cps   |
| Erbium     | 164-1 | 58        | 25        | 50        | 44        | 39.04  | cps   |
| Erbium     | 164-2 | 23        | 20        | 27        | 23        | 14.29  | cps   |
| Gadolinium | 160-1 | 100       | 133       | 92        | 108       | 20.35  | cps   |
| Gadolinium | 160-2 | 137       | 127       | 137       | 133       | 4.33   | cps   |
| Holmium    | 165-1 | 14168339  | 14140703  | 14069935  | 14126326  | 0.36   | cps   |
| Holmium    | 165-2 | 7532573   | 7502012   | 7491063   | 7508549   | 0.29   | cps   |
| Indium     | 115-1 | 10216067  | 10222610  | 10145310  | 10194662  | 0.42   | cps   |
| Indium     | 115-2 | 2271712   | 2256231   | 2278238   | 2268727   | 0.50   | cps   |
| Iron       | 56-2  | 247891306 | 249152478 | 248477256 | 248507013 | 0.25   | cps   |
| Iron       | 57-2  | 6127468   | 6122882   | 6047135   | 6099162   | 0.74   | cps   |
| Lead       | 206-1 | 3155148   | 3121461   | 3093822   | 3123477   | 0.98   | cps   |
| Lead       | 207-1 | 2893842   | 2878652   | 2853818   | 2875437   | 0.70   | cps   |
| Lead       | 208-1 | 13129299  | 13085016  | 12965251  | 13059855  | 0.65   | cps   |
| Lithium    | 6-1   | 2952110   | 2946518   | 2950915   | 2949847   | 0.10   | cps   |
| Magnesium  | 24-2  | 45794726  | 45648808  | 45794204  | 45745913  | 0.18   | cps   |
| Manganese  | 55-2  | 1417752   | 1423639   | 1421153   | 1420848   | 0.21   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7701689  | 7718771  | 7727559  | 7716006  | 0.17   | cps   |
| Molybdenum | 95-1  | 9489356  | 9520855  | 9528042  | 9512751  | 0.22   | cps   |
| Molybdenum | 96-1  | 10473120 | 10550694 | 10533215 | 10519010 | 0.39   | cps   |
| Molybdenum | 97-1  | 5922936  | 5893226  | 5896733  | 5904298  | 0.27   | cps   |
| Molybdenum | 98-1  | 15268799 | 15265092 | 15230896 | 15254929 | 0.14   | cps   |
| Neodymium  | 150-1 | 300      | 267      | 313      | 293      | 8.19   | cps   |
| Neodymium  | 150-2 | 50       | 80       | 47       | 59       | 31.17  | cps   |
| Nickel     | 60-2  | 496850   | 495968   | 496203   | 496340   | 0.09   | cps   |
| Phosphorus | 31-2  | 42637    | 42754    | 42570    | 42654    | 0.22   | cps   |
| Potassium  | 39-2  | 23816182 | 24080500 | 23813931 | 23903538 | 0.64   | cps   |
| Rhodium    | 103-1 | 9063188  | 8942422  | 8954658  | 8986756  | 0.74   | cps   |
| Rhodium    | 103-2 | 4494015  | 4478258  | 4512427  | 4494900  | 0.38   | cps   |
| Scandium   | 45-1  | 6677263  | 6670398  | 6648148  | 6665270  | 0.23   | cps   |
| Scandium   | 45-2  | 326486   | 328521   | 326139   | 327049   | 0.39   | cps   |
| Selenium   | 77-2  | 2654     | 2787     | 2834     | 2758     | 3.39   | cps   |
| Selenium   | 78-2  | 9377     | 9372     | 9305     | 9351     | 0.43   | cps   |
| Selenium   | 82-1  | 52590    | 52563    | 52682    | 52611    | 0.12   | cps   |
| Silicon    | 28-1  | 3020568  | 3074044  | 3093668  | 3062760  | 1.24   | cps   |
| Silver     | 109-1 | 4095037  | 4086174  | 4071627  | 4084279  | 0.29   | cps   |
| Silver     | 107-1 | 4325167  | 4317899  | 4301160  | 4314742  | 0.29   | cps   |
| Sodium     | 23-2  | 88048752 | 87043287 | 87843100 | 87645046 | 0.61   | cps   |
| Strontium  | 86-1  | 1265791  | 1275927  | 1255108  | 1265609  | 0.82   | cps   |
| Strontium  | 88-1  | 11208158 | 11183708 | 11242805 | 11211557 | 0.26   | cps   |
| Sulfur     | 34-1  | 568046   | 562387   | 564162   | 564865   | 0.51   | cps   |
| Terbium    | 159-1 | 14586591 | 14546328 | 14475171 | 14536030 | 0.39   | cps   |
| Terbium    | 159-2 | 7450856  | 7406093  | 7426389  | 7427779  | 0.30   | cps   |
| Thallium   | 203-1 | 3878577  | 3856843  | 3858401  | 3864607  | 0.31   | cps   |
| Thallium   | 205-1 | 9352657  | 9357368  | 9356682  | 9355569  | 0.03   | cps   |
| Tin        | 118-1 | 3083079  | 3091450  | 3062780  | 3079103  | 0.48   | cps   |
| Titanium   | 47-1  | 2647795  | 2642458  | 2642548  | 2644267  | 0.12   | cps   |
| Uranium    | 238-1 | 14701412 | 14639038 | 14570805 | 14637085 | 0.45   | cps   |
| Vanadium   | 51-2  | 1048607  | 1061051  | 1047676  | 1052445  | 0.71   | cps   |
| Yttrium    | 89-1  | 11209924 | 11049159 | 11097867 | 11118983 | 0.74   | cps   |
| Yttrium    | 89-2  | 1773323  | 1765366  | 1771468  | 1770052  | 0.24   | cps   |
| Zinc       | 66-2  | 351108   | 351264   | 352299   | 351557   | 0.18   | cps   |
| Zirconium  | 90-1  | 6607997  | 6579881  | 6561046  | 6582975  | 0.36   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV084              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV084              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:37:23 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1456749 | 1436246 | 1443992 | 1445663 | 0.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 325      | 317      | 200      | 281      | 24.91  | cps   |
| Antimony   | 121-1 | 4384     | 4251     | 4893     | 4509     | 7.51   | cps   |
| Arsenic    | 75-2  | 15       | 13       | 7        | 12       | 32.84  | cps   |
| Barium     | 135-1 | 275      | 300      | 233      | 269      | 12.50  | cps   |
| Barium     | 137-1 | 475      | 375      | 350      | 400      | 16.54  | cps   |
| Beryllium  | 9-1   | 378      | 406      | 311      | 365      | 13.31  | cps   |
| Bismuth    | 209-1 | 9306845  | 9404281  | 9378812  | 9363313  | 0.54   | cps   |
| Bismuth    | 209-2 | 5787397  | 5816555  | 5825401  | 5809784  | 0.34   | cps   |
| Boron      | 10-1  | 3175     | 2909     | 2934     | 3006     | 4.90   | cps   |
| Boron      | 11-1  | 14524    | 13198    | 13189    | 13637    | 5.63   | cps   |
| Cadmium    | 111-1 | 1989     | 2014     | 2042     | 2015     | 1.31   | cps   |
| Cadmium    | 106-1 | 2750     | 2809     | 2850     | 2803     | 1.79   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 17       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 333      | 367      | 242      | 314      | 20.62  | cps   |
| Calcium    | 44-1  | 8570     | 8536     | 8986     | 8697     | 2.88   | cps   |
| Chromium   | 52-2  | 347      | 297      | 320      | 321      | 7.79   | cps   |
| Cobalt     | 59-2  | 203      | 203      | 183      | 197      | 5.87   | cps   |
| Copper     | 63-2  | 967      | 1017     | 943      | 976      | 3.84   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 0        | 17       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 23       | 20       | 23       | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 42       | 58       | 75       | 58       | 28.57  | cps   |
| Gadolinium | 160-2 | 130      | 147      | 173      | 150      | 14.57  | cps   |
| Holmium    | 165-1 | 14377469 | 14381231 | 14265052 | 14341250 | 0.46   | cps   |
| Holmium    | 165-2 | 7630238  | 7661895  | 7641748  | 7644627  | 0.21   | cps   |
| Indium     | 115-1 | 10828619 | 10944610 | 10888319 | 10887183 | 0.53   | cps   |
| Indium     | 115-2 | 2417879  | 2433242  | 2445983  | 2432368  | 0.58   | cps   |
| Iron       | 56-2  | 30582    | 27749    | 25150    | 27827    | 9.76   | cps   |
| Iron       | 57-2  | 939      | 911      | 911      | 920      | 1.74   | cps   |
| Lead       | 206-1 | 1078     | 1067     | 1150     | 1098     | 4.12   | cps   |
| Lead       | 207-1 | 978      | 1000     | 995      | 991      | 1.17   | cps   |
| Lead       | 208-1 | 4306     | 4317     | 4445     | 4356     | 1.77   | cps   |
| Lithium    | 6-1   | 3080737  | 3100170  | 3096338  | 3092415  | 0.33   | cps   |
| Magnesium  | 24-2  | 1875     | 1884     | 1850     | 1870     | 0.93   | cps   |
| Manganese  | 55-2  | 147      | 173      | 147      | 156      | 9.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1642     | 1425     | 1417     | 1495     | 8.54    | cps   |
| Molybdenum | 95-1  | 2217     | 1800     | 1792     | 1936     | 12.55   | cps   |
| Molybdenum | 96-1  | 2009     | 1909     | 1750     | 1889     | 6.90    | cps   |
| Molybdenum | 97-1  | 1325     | 1292     | 1158     | 1258     | 7.01    | cps   |
| Molybdenum | 98-1  | 2900     | 2725     | 2800     | 2809     | 3.13    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 73       | 83       | 90       | 82       | 10.21   | cps   |
| Phosphorus | 31-2  | 183      | 92       | 133      | 136      | 33.72   | cps   |
| Potassium  | 39-2  | 35594    | 34675    | 34073    | 34781    | 2.20    | cps   |
| Rhodium    | 103-1 | 9865439  | 9965604  | 9887769  | 9906271  | 0.53    | cps   |
| Rhodium    | 103-2 | 4973681  | 4971615  | 4998340  | 4981212  | 0.30    | cps   |
| Scandium   | 45-1  | 6868922  | 6862220  | 6839384  | 6856842  | 0.23    | cps   |
| Scandium   | 45-2  | 333123   | 335803   | 334435   | 334454   | 0.40    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 80       | 52       | 98       | 77       | 30.45   | cps   |
| Selenium   | 82-1  | -33      | -17      | 16       | -11      | -221.90 | cps   |
| Silicon    | 28-1  | 348392   | 343916   | 347061   | 346456   | 0.66    | cps   |
| Silver     | 109-1 | 408      | 408      | 525      | 447      | 15.06   | cps   |
| Silver     | 107-1 | 600      | 467      | 408      | 492      | 19.98   | cps   |
| Sodium     | 23-2  | 43121    | 40221    | 39854    | 41065    | 4.36    | cps   |
| Strontium  | 86-1  | 625      | 658      | 625      | 636      | 3.02    | cps   |
| Strontium  | 88-1  | 725      | 750      | 767      | 747      | 2.81    | cps   |
| Sulfur     | 34-1  | 250608   | 250090   | 252779   | 251159   | 0.57    | cps   |
| Terbium    | 159-1 | 14733692 | 14763802 | 14688920 | 14728805 | 0.26    | cps   |
| Terbium    | 159-2 | 7619855  | 7563545  | 7592003  | 7591801  | 0.37    | cps   |
| Thallium   | 203-1 | 1133     | 1192     | 908      | 1078     | 13.88   | cps   |
| Thallium   | 205-1 | 2609     | 2484     | 2242     | 2445     | 7.63    | cps   |
| Tin        | 118-1 | 2867     | 2284     | 2784     | 2645     | 11.93   | cps   |
| Titanium   | 47-1  | 250      | 533      | 367      | 383      | 37.15   | cps   |
| Uranium    | 238-1 | 850      | 683      | 717      | 750      | 11.76   | cps   |
| Vanadium   | 51-2  | 40       | 50       | 33       | 41       | 20.41   | cps   |
| Yttrium    | 89-1  | 11439747 | 11420031 | 11337869 | 11399216 | 0.47    | cps   |
| Yttrium    | 89-2  | 1832926  | 1814010  | 1831614  | 1826183  | 0.58    | cps   |
| Zinc       | 66-2  | 743      | 777      | 683      | 734      | 6.44    | cps   |
| Zirconium  | 90-1  | 1592     | 1375     | 1408     | 1458     | 8.00    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB084              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB084              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:40:57 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 317  | 375  | 322     | 15.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3061-11DLX3        | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0815              | Dilution Factor : | 3         |
| Date & Time Acquired :: | 2018-05-31 20:44:30 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1558     | 1659     | 1834     | 1684     | 8.27   | cps   |
| Antimony   | 121-1 | 2100     | 2167     | 2575     | 2281     | 11.28  | cps   |
| Arsenic    | 75-2  | 35       | 24       | 17       | 25       | 36.83  | cps   |
| Barium     | 135-1 | 58901    | 58131    | 58507    | 58513    | 0.66   | cps   |
| Barium     | 137-1 | 101712   | 102476   | 102779   | 102322   | 0.54   | cps   |
| Beryllium  | 9-1   | 239      | 300      | 328      | 289      | 15.74  | cps   |
| Bismuth    | 209-1 | 9767108  | 9822869  | 9901392  | 9830457  | 0.69   | cps   |
| Bismuth    | 209-2 | 6085159  | 6167954  | 6135476  | 6129529  | 0.68   | cps   |
| Boron      | 10-1  | 2359     | 1909     | 1875     | 2047     | 13.19  | cps   |
| Boron      | 11-1  | 9470     | 10079    | 9578     | 9709     | 3.34   | cps   |
| Cadmium    | 111-1 | 2201     | 2150     | 1985     | 2112     | 5.34   | cps   |
| Cadmium    | 106-1 | 3034     | 3009     | 2734     | 2925     | 5.69   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 17       | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 21074    | 20615    | 20189    | 20626    | 2.14   | cps   |
| Calcium    | 44-1  | 338082   | 339878   | 341550   | 339837   | 0.51   | cps   |
| Chromium   | 52-2  | 503      | 460      | 533      | 499      | 7.39   | cps   |
| Cobalt     | 59-2  | 61418    | 62329    | 62827    | 62191    | 1.15   | cps   |
| Copper     | 63-2  | 183083   | 183585   | 183765   | 183478   | 0.19   | cps   |
| Dysprosium | 156-1 | 642      | 542      | 592      | 592      | 8.45   | cps   |
| Dysprosium | 156-2 | 267      | 317      | 277      | 287      | 9.23   | cps   |
| Erbium     | 164-1 | 567      | 633      | 717      | 639      | 11.76  | cps   |
| Erbium     | 164-2 | 323      | 303      | 280      | 302      | 7.18   | cps   |
| Gadolinium | 160-1 | 742      | 542      | 850      | 711      | 22.00  | cps   |
| Gadolinium | 160-2 | 473      | 453      | 490      | 472      | 3.89   | cps   |
| Holmium    | 165-1 | 15024753 | 15098360 | 15106961 | 15076692 | 0.30   | cps   |
| Holmium    | 165-2 | 8059636  | 8167108  | 8087793  | 8104846  | 0.69   | cps   |
| Indium     | 115-1 | 11471272 | 11493441 | 11577757 | 11514157 | 0.49   | cps   |
| Indium     | 115-2 | 2570584  | 2602508  | 2581800  | 2584964  | 0.63   | cps   |
| Iron       | 56-2  | 23074    | 22818    | 23041    | 22978    | 0.61   | cps   |
| Iron       | 57-2  | 839      | 950      | 917      | 902      | 6.32   | cps   |
| Lead       | 206-1 | 30413    | 29584    | 30218    | 30072    | 1.44   | cps   |
| Lead       | 207-1 | 25792    | 25586    | 26271    | 25883    | 1.36   | cps   |
| Lead       | 208-1 | 119243   | 118058   | 119739   | 119014   | 0.73   | cps   |
| Lithium    | 6-1   | 3300825  | 3293479  | 3313118  | 3302474  | 0.30   | cps   |
| Magnesium  | 24-2  | 276128   | 276363   | 277205   | 276565   | 0.20   | cps   |
| Manganese  | 55-2  | 1678250  | 1691029  | 1670234  | 1679838  | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3061-11DLX3        | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0815              | Dilution Factor : | 3         |
| Date & Time Acquired :: | 2018-05-31 20:44:30 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 617      | 758      | 575      | 650      | 14.79  | cps   |
| Molybdenum | 95-1  | 700      | 550      | 567      | 606      | 13.58  | cps   |
| Molybdenum | 96-1  | 625      | 483      | 725      | 611      | 19.87  | cps   |
| Molybdenum | 97-1  | 433      | 350      | 383      | 389      | 10.79  | cps   |
| Molybdenum | 98-1  | 858      | 875      | 750      | 828      | 8.20   | cps   |
| Neodymium  | 150-1 | 633      | 553      | 673      | 620      | 9.86   | cps   |
| Neodymium  | 150-2 | 260      | 253      | 250      | 254      | 2.00   | cps   |
| Nickel     | 60-2  | 3587     | 3714     | 3404     | 3568     | 4.37   | cps   |
| Phosphorus | 31-2  | 167      | 192      | 108      | 156      | 27.49  | cps   |
| Potassium  | 39-2  | 228803   | 230262   | 229194   | 229420   | 0.33   | cps   |
| Rhodium    | 103-1 | 10377493 | 10450132 | 10505866 | 10444497 | 0.62   | cps   |
| Rhodium    | 103-2 | 5255188  | 5282488  | 5287087  | 5274921  | 0.33   | cps   |
| Scandium   | 45-1  | 7276891  | 7249307  | 7294062  | 7273420  | 0.31   | cps   |
| Scandium   | 45-2  | 353920   | 356178   | 356687   | 355595   | 0.41   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 74       | 54       | 75       | 29.55  | cps   |
| Selenium   | 82-1  | -54      | 43       | 106      | 32       | 255.42 | cps   |
| Silicon    | 28-1  | 6627844  | 6570853  | 6642463  | 6613720  | 0.57   | cps   |
| Silver     | 109-1 | 1617     | 1742     | 1950     | 1770     | 9.52   | cps   |
| Silver     | 107-1 | 1725     | 10041    | 1909     | 4558     | 104.19 | cps   |
| Sodium     | 23-2  | 1245329  | 1251576  | 1256654  | 1251186  | 0.45   | cps   |
| Strontium  | 86-1  | 35094    | 35161    | 35678    | 35311    | 0.91   | cps   |
| Strontium  | 88-1  | 307748   | 302102   | 306607   | 305486   | 0.98   | cps   |
| Sulfur     | 34-1  | 246786   | 246309   | 245517   | 246204   | 0.26   | cps   |
| Terbium    | 159-1 | 15452640 | 15596865 | 15586069 | 15545191 | 0.52   | cps   |
| Terbium    | 159-2 | 8023227  | 8050333  | 8027719  | 8033760  | 0.18   | cps   |
| Thallium   | 203-1 | 1842     | 1800     | 1800     | 1814     | 1.33   | cps   |
| Thallium   | 205-1 | 4209     | 4259     | 4176     | 4215     | 1.00   | cps   |
| Tin        | 118-1 | 9996     | 10104    | 10154    | 10085    | 0.80   | cps   |
| Titanium   | 47-1  | 250      | 342      | 258      | 283      | 17.89  | cps   |
| Uranium    | 238-1 | 225      | 350      | 275      | 283      | 22.21  | cps   |
| Vanadium   | 51-2  | 70       | 67       | 43       | 60       | 24.22  | cps   |
| Yttrium    | 89-1  | 12003468 | 12027995 | 12066337 | 12032600 | 0.26   | cps   |
| Yttrium    | 89-2  | 1925707  | 1943566  | 1934427  | 1934567  | 0.46   | cps   |
| Zinc       | 66-2  | 23833    | 23793    | 24117    | 23914    | 0.74   | cps   |
| Zirconium  | 90-1  | 1025     | 1025     | 1075     | 1042     | 2.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3061-11DLX3        | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0815              | Dilution Factor : | 3         |
| Date & Time Acquired :: | 2018-05-31 20:44:30 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 267  | 275  | 253     | 12.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 391833   | 395848   | 397013   | 394898   | 0.69   | cps   |
| Antimony   | 121-1 | 52466    | 52106    | 51905    | 52159    | 0.54   | cps   |
| Arsenic    | 75-2  | 2541     | 2406     | 2485     | 2477     | 2.74   | cps   |
| Barium     | 135-1 | 557042   | 562037   | 549627   | 556235   | 1.12   | cps   |
| Barium     | 137-1 | 975013   | 969536   | 958164   | 967571   | 0.89   | cps   |
| Beryllium  | 9-1   | 1356     | 1345     | 1339     | 1346     | 0.63   | cps   |
| Bismuth    | 209-1 | 9705659  | 9701899  | 9673716  | 9693758  | 0.18   | cps   |
| Bismuth    | 209-2 | 6037634  | 6073256  | 6055379  | 6055423  | 0.29   | cps   |
| Boron      | 10-1  | 2625     | 2559     | 2700     | 2628     | 2.70   | cps   |
| Boron      | 11-1  | 11680    | 12264    | 12456    | 12133    | 3.33   | cps   |
| Cadmium    | 111-1 | 5279     | 5306     | 5207     | 5264     | 0.97   | cps   |
| Cadmium    | 106-1 | 3409     | 3250     | 3176     | 3278     | 3.63   | cps   |
| Cadmium    | 108-1 | 238      | 225      | 238      | 233      | 3.09   | cps   |
| Calcium    | 43-1  | 242606   | 246688   | 244336   | 244543   | 0.84   | cps   |
| Calcium    | 44-1  | 3982522  | 3976697  | 4038357  | 3999192  | 0.85   | cps   |
| Chromium   | 52-2  | 37237    | 38213    | 37658    | 37703    | 1.30   | cps   |
| Cobalt     | 59-2  | 31938    | 31190    | 31537    | 31555    | 1.19   | cps   |
| Copper     | 63-2  | 267370   | 267539   | 266555   | 267155   | 0.20   | cps   |
| Dysprosium | 156-1 | 15284    | 15301    | 15601    | 15395    | 1.16   | cps   |
| Dysprosium | 156-2 | 8806     | 8443     | 8396     | 8548     | 2.63   | cps   |
| Erbium     | 164-1 | 13516    | 14066    | 14075    | 13885    | 2.31   | cps   |
| Erbium     | 164-2 | 7439     | 7519     | 7516     | 7491     | 0.60   | cps   |
| Gadolinium | 160-1 | 14258    | 15935    | 14834    | 15009    | 5.68   | cps   |
| Gadolinium | 160-2 | 8863     | 9180     | 8956     | 9000     | 1.81   | cps   |
| Holmium    | 165-1 | 15071219 | 15112350 | 14922657 | 15035408 | 0.66   | cps   |
| Holmium    | 165-2 | 8070802  | 8060384  | 8066263  | 8065816  | 0.06   | cps   |
| Indium     | 115-1 | 11371552 | 11337349 | 11331449 | 11346783 | 0.19   | cps   |
| Indium     | 115-2 | 2566409  | 2563991  | 2583383  | 2571261  | 0.41   | cps   |
| Iron       | 56-2  | 32392888 | 32544147 | 32560553 | 32499196 | 0.28   | cps   |
| Iron       | 57-2  | 784977   | 783567   | 791741   | 786762   | 0.56   | cps   |
| Lead       | 206-1 | 3934951  | 3908005  | 3924203  | 3922386  | 0.35   | cps   |
| Lead       | 207-1 | 3308527  | 3294645  | 3288672  | 3297281  | 0.31   | cps   |
| Lead       | 208-1 | 15519116 | 15474627 | 15485426 | 15493056 | 0.15   | cps   |
| Lithium    | 6-1   | 3224401  | 3229132  | 3217783  | 3223772  | 0.18   | cps   |
| Magnesium  | 24-2  | 580642   | 585047   | 582709   | 582799   | 0.38   | cps   |
| Manganese  | 55-2  | 350392   | 349596   | 350270   | 350086   | 0.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9412     | 8636     | 8553     | 8867     | 5.34   | cps   |
| Molybdenum | 95-1  | 8011     | 7619     | 8028     | 7886     | 2.93   | cps   |
| Molybdenum | 96-1  | 9645     | 9112     | 9462     | 9406     | 2.88   | cps   |
| Molybdenum | 97-1  | 4693     | 4901     | 4668     | 4754     | 2.70   | cps   |
| Molybdenum | 98-1  | 11964    | 12740    | 12264    | 12323    | 3.17   | cps   |
| Neodymium  | 150-1 | 22953    | 24075    | 24022    | 23683    | 2.67   | cps   |
| Neodymium  | 150-2 | 9937     | 10227    | 10401    | 10188    | 2.30   | cps   |
| Nickel     | 60-2  | 26511    | 25990    | 26154    | 26218    | 1.02   | cps   |
| Phosphorus | 31-2  | 7069     | 7385     | 7502     | 7319     | 3.07   | cps   |
| Potassium  | 39-2  | 133597   | 134411   | 134311   | 134107   | 0.33   | cps   |
| Rhodium    | 103-1 | 10376472 | 10370465 | 10334493 | 10360477 | 0.22   | cps   |
| Rhodium    | 103-2 | 5246846  | 5224949  | 5304745  | 5258847  | 0.78   | cps   |
| Scandium   | 45-1  | 7241392  | 7224145  | 7263931  | 7243156  | 0.28   | cps   |
| Scandium   | 45-2  | 354863   | 356347   | 357490   | 356233   | 0.37   | cps   |
| Selenium   | 77-2  | 13       | 37       | 23       | 24       | 47.91  | cps   |
| Selenium   | 78-2  | 98       | 94       | 94       | 96       | 2.23   | cps   |
| Selenium   | 82-1  | 50       | 103      | 62       | 72       | 38.15  | cps   |
| Silicon    | 28-1  | 4581249  | 4576568  | 4556428  | 4571415  | 0.29   | cps   |
| Silver     | 109-1 | 3659     | 3551     | 3751     | 3653     | 2.74   | cps   |
| Silver     | 107-1 | 3476     | 3684     | 4109     | 3756     | 8.60   | cps   |
| Sodium     | 23-2  | 62137    | 61686    | 61100    | 61641    | 0.84   | cps   |
| Strontium  | 86-1  | 131809   | 131364   | 133717   | 132297   | 0.94   | cps   |
| Strontium  | 88-1  | 1163179  | 1160719  | 1163402  | 1162433  | 0.13   | cps   |
| Sulfur     | 34-1  | 260599   | 261729   | 263252   | 261860   | 0.51   | cps   |
| Terbium    | 159-1 | 15401290 | 15378656 | 15510842 | 15430263 | 0.46   | cps   |
| Terbium    | 159-2 | 8021685  | 7972885  | 8019979  | 8004849  | 0.35   | cps   |
| Thallium   | 203-1 | 2034     | 2159     | 2275     | 2156     | 5.61   | cps   |
| Thallium   | 205-1 | 4859     | 4784     | 4918     | 4854     | 1.38   | cps   |
| Tin        | 118-1 | 282406   | 288164   | 285194   | 285255   | 1.01   | cps   |
| Titanium   | 47-1  | 54317    | 54687    | 53606    | 54203    | 1.01   | cps   |
| Uranium    | 238-1 | 24474    | 24566    | 23823    | 24287    | 1.67   | cps   |
| Vanadium   | 51-2  | 41746    | 42451    | 41946    | 42048    | 0.86   | cps   |
| Yttrium    | 89-1  | 12216540 | 12242464 | 12290222 | 12249742 | 0.31   | cps   |
| Yttrium    | 89-2  | 1979500  | 1972017  | 1980463  | 1977327  | 0.23   | cps   |
| Zinc       | 66-2  | 199561   | 197472   | 200132   | 199055   | 0.70   | cps   |
| Zirconium  | 90-1  | 11780    | 11055    | 11455    | 11430    | 3.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-13DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Y9              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:48:03 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2525 | 2617 | 2659 | 2600    | 2.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 397986   | 406351   | 398790   | 401042   | 1.15   | cps   |
| Antimony   | 121-1 | 28346    | 29340    | 29832    | 29173    | 2.59   | cps   |
| Arsenic    | 75-2  | 2745     | 2823     | 2774     | 2781     | 1.41   | cps   |
| Barium     | 135-1 | 511662   | 513125   | 511652   | 512146   | 0.17   | cps   |
| Barium     | 137-1 | 894718   | 892672   | 893711   | 893701   | 0.11   | cps   |
| Beryllium  | 9-1   | 1200     | 1195     | 1200     | 1198     | 0.27   | cps   |
| Bismuth    | 209-1 | 9614683  | 9580691  | 9531588  | 9575654  | 0.44   | cps   |
| Bismuth    | 209-2 | 6042482  | 6106096  | 6059958  | 6069512  | 0.54   | cps   |
| Boron      | 10-1  | 1700     | 2109     | 1909     | 1906     | 10.71  | cps   |
| Boron      | 11-1  | 8544     | 8686     | 8695     | 8642     | 0.98   | cps   |
| Cadmium    | 111-1 | 4932     | 4685     | 4708     | 4775     | 2.86   | cps   |
| Cadmium    | 106-1 | 3617     | 3367     | 3267     | 3417     | 5.28   | cps   |
| Cadmium    | 108-1 | 221      | 204      | 179      | 201      | 10.41  | cps   |
| Calcium    | 43-1  | 453200   | 447688   | 452509   | 451132   | 0.67   | cps   |
| Calcium    | 44-1  | 7414071  | 7391556  | 7405712  | 7403780  | 0.15   | cps   |
| Chromium   | 52-2  | 39058    | 40001    | 39864    | 39641    | 1.28   | cps   |
| Cobalt     | 59-2  | 26437    | 26795    | 26361    | 26531    | 0.87   | cps   |
| Copper     | 63-2  | 1522504  | 1544992  | 1538507  | 1535334  | 0.75   | cps   |
| Dysprosium | 156-1 | 14842    | 14934    | 15184    | 14987    | 1.18   | cps   |
| Dysprosium | 156-2 | 7936     | 7732     | 8106     | 7925     | 2.36   | cps   |
| Erbium     | 164-1 | 13048    | 13182    | 12907    | 13046    | 1.06   | cps   |
| Erbium     | 164-2 | 6889     | 6902     | 6862     | 6884     | 0.30   | cps   |
| Gadolinium | 160-1 | 14150    | 13749    | 14625    | 14175    | 3.09   | cps   |
| Gadolinium | 160-2 | 8443     | 8720     | 8139     | 8434     | 3.44   | cps   |
| Holmium    | 165-1 | 14912686 | 15088134 | 14962086 | 14987635 | 0.60   | cps   |
| Holmium    | 165-2 | 8132783  | 8115837  | 8069368  | 8105996  | 0.41   | cps   |
| Indium     | 115-1 | 11345615 | 11346922 | 11322603 | 11338380 | 0.12   | cps   |
| Indium     | 115-2 | 2543036  | 2576636  | 2553963  | 2557878  | 0.67   | cps   |
| Iron       | 56-2  | 43014273 | 43213177 | 43163761 | 43130404 | 0.24   | cps   |
| Iron       | 57-2  | 1039618  | 1044603  | 1043649  | 1042623  | 0.25   | cps   |
| Lead       | 206-1 | 5531494  | 5550270  | 5514586  | 5532117  | 0.32   | cps   |
| Lead       | 207-1 | 4588418  | 4556570  | 4540223  | 4561737  | 0.54   | cps   |
| Lead       | 208-1 | 21484924 | 21473057 | 21319597 | 21425859 | 0.43   | cps   |
| Lithium    | 6-1   | 3226614  | 3237615  | 3246959  | 3237063  | 0.31   | cps   |
| Magnesium  | 24-2  | 1164789  | 1191147  | 1175878  | 1177272  | 1.12   | cps   |
| Manganese  | 55-2  | 783350   | 797718   | 792386   | 791151   | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9687     | 9295     | 9270     | 9417     | 2.48   | cps   |
| Molybdenum | 95-1  | 6493     | 6318     | 6252     | 6354     | 1.96   | cps   |
| Molybdenum | 96-1  | 7694     | 8278     | 7894     | 7955     | 3.73   | cps   |
| Molybdenum | 97-1  | 3759     | 4076     | 3942     | 3926     | 4.05   | cps   |
| Molybdenum | 98-1  | 9804     | 9720     | 9862     | 9795     | 0.73   | cps   |
| Neodymium  | 150-1 | 22486    | 22552    | 21945    | 22328    | 1.49   | cps   |
| Neodymium  | 150-2 | 9143     | 9217     | 9457     | 9272     | 1.77   | cps   |
| Nickel     | 60-2  | 23856    | 23556    | 23779    | 23730    | 0.66   | cps   |
| Phosphorus | 31-2  | 2925     | 2809     | 2784     | 2839     | 2.66   | cps   |
| Potassium  | 39-2  | 136699   | 138281   | 136271   | 137084   | 0.77   | cps   |
| Rhodium    | 103-1 | 10304334 | 10369849 | 10341773 | 10338652 | 0.32   | cps   |
| Rhodium    | 103-2 | 5249175  | 5261921  | 5241133  | 5250743  | 0.20   | cps   |
| Scandium   | 45-1  | 7301116  | 7349708  | 7287175  | 7312666  | 0.45   | cps   |
| Scandium   | 45-2  | 357814   | 363004   | 359066   | 359961   | 0.75   | cps   |
| Selenium   | 77-2  | 30       | 27       | 53       | 37       | 39.62  | cps   |
| Selenium   | 78-2  | 96       | 107      | 115      | 106      | 8.78   | cps   |
| Selenium   | 82-1  | 114      | 26       | 50       | 63       | 71.72  | cps   |
| Silicon    | 28-1  | 4145756  | 4125755  | 4111431  | 4127648  | 0.42   | cps   |
| Silver     | 109-1 | 2717     | 2700     | 2500     | 2639     | 4.57   | cps   |
| Silver     | 107-1 | 2767     | 2759     | 2825     | 2784     | 1.30   | cps   |
| Sodium     | 23-2  | 48287    | 48011    | 48003    | 48100    | 0.34   | cps   |
| Strontium  | 86-1  | 75984    | 76956    | 75280    | 76073    | 1.11   | cps   |
| Strontium  | 88-1  | 666388   | 671035   | 663508   | 666977   | 0.57   | cps   |
| Sulfur     | 34-1  | 271149   | 268477   | 270265   | 269964   | 0.50   | cps   |
| Terbium    | 159-1 | 15444386 | 15431148 | 15498116 | 15457883 | 0.23   | cps   |
| Terbium    | 159-2 | 7993401  | 8032212  | 8031588  | 8019067  | 0.28   | cps   |
| Thallium   | 203-1 | 1750     | 1875     | 1875     | 1834     | 3.94   | cps   |
| Thallium   | 205-1 | 4884     | 4643     | 4559     | 4695     | 3.60   | cps   |
| Tin        | 118-1 | 454772   | 459727   | 453954   | 456151   | 0.68   | cps   |
| Titanium   | 47-1  | 56619    | 57028    | 55004    | 56217    | 1.90   | cps   |
| Uranium    | 238-1 | 15935    | 15652    | 15410    | 15666    | 1.68   | cps   |
| Vanadium   | 51-2  | 36499    | 37127    | 37411    | 37012    | 1.26   | cps   |
| Yttrium    | 89-1  | 12250788 | 12284693 | 12213413 | 12249631 | 0.29   | cps   |
| Yttrium    | 89-2  | 1961835  | 1986384  | 1973112  | 1973777  | 0.62   | cps   |
| Zinc       | 66-2  | 231024   | 235231   | 235247   | 233834   | 1.04   | cps   |
| Zirconium  | 90-1  | 15492    | 16460    | 15526    | 15826    | 3.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3159-14DL2X4       | Instrumnet Name : | P7        |
| Client Sample ID :      | MET2Z0              | Dilution Factor : | 4         |
| Date & Time Acquired :: | 2018-05-31 20:51:36 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3542 | 3559 | 3592 | 3564    | 0.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4263384   | 4278715   | 4270888   | 4270996   | 0.18   | cps   |
| Antimony   | 121-1 | 4039874   | 3997067   | 3988750   | 4008564   | 0.68   | cps   |
| Arsenic    | 75-2  | 143137    | 142645    | 143479    | 143087    | 0.29   | cps   |
| Barium     | 135-1 | 5159379   | 5220605   | 5194556   | 5191513   | 0.59   | cps   |
| Barium     | 137-1 | 8912648   | 8948833   | 8895858   | 8919113   | 0.30   | cps   |
| Beryllium  | 9-1   | 795482    | 791958    | 793851    | 793763    | 0.22   | cps   |
| Bismuth    | 209-1 | 8789230   | 8804513   | 8811066   | 8801603   | 0.13   | cps   |
| Bismuth    | 209-2 | 5437916   | 5482630   | 5426173   | 5448906   | 0.55   | cps   |
| Boron      | 10-1  | 86546     | 86707     | 89926     | 87726     | 2.17   | cps   |
| Boron      | 11-1  | 400339    | 408738    | 412741    | 407273    | 1.55   | cps   |
| Cadmium    | 111-1 | 862117    | 864078    | 860231    | 862142    | 0.22   | cps   |
| Cadmium    | 106-1 | 93592     | 95328     | 93692     | 94204     | 1.03   | cps   |
| Cadmium    | 108-1 | 63399     | 64220     | 64107     | 63909     | 0.70   | cps   |
| Calcium    | 43-1  | 5975916   | 5947442   | 5941923   | 5955093   | 0.31   | cps   |
| Calcium    | 44-1  | 96283581  | 96143123  | 95779544  | 96068749  | 0.27   | cps   |
| Chromium   | 52-2  | 1306131   | 1314003   | 1303776   | 1307970   | 0.41   | cps   |
| Cobalt     | 59-2  | 1945940   | 1950875   | 1947875   | 1948230   | 0.13   | cps   |
| Copper     | 63-2  | 2664973   | 2672356   | 2674539   | 2670623   | 0.19   | cps   |
| Dysprosium | 156-1 | 83        | 75        | 100       | 86        | 14.78  | cps   |
| Dysprosium | 156-2 | 70        | 63        | 83        | 72        | 14.11  | cps   |
| Erbium     | 164-1 | 100       | 58        | 83        | 81        | 26.03  | cps   |
| Erbium     | 164-2 | 10        | 27        | 27        | 21        | 45.58  | cps   |
| Gadolinium | 160-1 | 100       | 92        | 108       | 100       | 8.33   | cps   |
| Gadolinium | 160-2 | 133       | 223       | 200       | 186       | 25.17  | cps   |
| Holmium    | 165-1 | 14670926  | 14652473  | 14532188  | 14618529  | 0.52   | cps   |
| Holmium    | 165-2 | 7785100   | 7793871   | 7778002   | 7785657   | 0.10   | cps   |
| Indium     | 115-1 | 10462476  | 10477973  | 10448878  | 10463109  | 0.14   | cps   |
| Indium     | 115-2 | 2352908   | 2348547   | 2342272   | 2347909   | 0.23   | cps   |
| Iron       | 56-2  | 255025750 | 255182033 | 257136578 | 255781454 | 0.46   | cps   |
| Iron       | 57-2  | 6244667   | 6249942   | 6269431   | 6254680   | 0.21   | cps   |
| Lead       | 206-1 | 3218394   | 3230193   | 3189968   | 3212852   | 0.64   | cps   |
| Lead       | 207-1 | 2959041   | 2961840   | 2933496   | 2951459   | 0.53   | cps   |
| Lead       | 208-1 | 13307280  | 13345793  | 13221875  | 13291649  | 0.48   | cps   |
| Lithium    | 6-1   | 3077999   | 3056907   | 3061516   | 3065474   | 0.36   | cps   |
| Magnesium  | 24-2  | 47200031  | 47097192  | 46798605  | 47031943  | 0.44   | cps   |
| Manganese  | 55-2  | 1441303   | 1452901   | 1451568   | 1448591   | 0.44   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7964151  | 7915769  | 7897756  | 7925892  | 0.43   | cps   |
| Molybdenum | 95-1  | 9727920  | 9804201  | 9720639  | 9750920  | 0.47   | cps   |
| Molybdenum | 96-1  | 10836682 | 10833880 | 10742558 | 10804373 | 0.50   | cps   |
| Molybdenum | 97-1  | 6111473  | 6089071  | 6045679  | 6082075  | 0.55   | cps   |
| Molybdenum | 98-1  | 15744795 | 15649238 | 15658329 | 15684121 | 0.34   | cps   |
| Neodymium  | 150-1 | 373      | 287      | 273      | 311      | 17.45  | cps   |
| Neodymium  | 150-2 | 40       | 53       | 47       | 47       | 14.28  | cps   |
| Nickel     | 60-2  | 506699   | 510156   | 511507   | 509454   | 0.49   | cps   |
| Phosphorus | 31-2  | 43715    | 44509    | 44376    | 44200    | 0.96   | cps   |
| Potassium  | 39-2  | 24408868 | 24510227 | 24542584 | 24487226 | 0.28   | cps   |
| Rhodium    | 103-1 | 9210154  | 9192106  | 9243949  | 9215403  | 0.29   | cps   |
| Rhodium    | 103-2 | 4620974  | 4646027  | 4628672  | 4631891  | 0.28   | cps   |
| Scandium   | 45-1  | 6891802  | 6941665  | 6894113  | 6909194  | 0.41   | cps   |
| Scandium   | 45-2  | 335333   | 337982   | 337079   | 336798   | 0.40   | cps   |
| Selenium   | 77-2  | 2944     | 2640     | 2737     | 2774     | 5.59   | cps   |
| Selenium   | 78-2  | 9503     | 9470     | 9759     | 9577     | 1.65   | cps   |
| Selenium   | 82-1  | 53920    | 53782    | 53064    | 53589    | 0.86   | cps   |
| Silicon    | 28-1  | 3105967  | 3140662  | 3165658  | 3137429  | 0.96   | cps   |
| Silver     | 109-1 | 4197571  | 4182319  | 4197000  | 4192296  | 0.21   | cps   |
| Silver     | 107-1 | 4419371  | 4381717  | 4395192  | 4398760  | 0.43   | cps   |
| Sodium     | 23-2  | 90730975 | 90385731 | 90182500 | 90433069 | 0.31   | cps   |
| Strontium  | 86-1  | 1292503  | 1293207  | 1291931  | 1292547  | 0.05   | cps   |
| Strontium  | 88-1  | 11474722 | 11522220 | 11420523 | 11472489 | 0.44   | cps   |
| Sulfur     | 34-1  | 579647   | 581919   | 573984   | 578517   | 0.71   | cps   |
| Terbium    | 159-1 | 15004249 | 14943781 | 14990666 | 14979565 | 0.21   | cps   |
| Terbium    | 159-2 | 7727278  | 7717737  | 7703276  | 7716097  | 0.16   | cps   |
| Thallium   | 203-1 | 3988595  | 3985328  | 3984528  | 3986150  | 0.05   | cps   |
| Thallium   | 205-1 | 9648093  | 9708723  | 9639032  | 9665283  | 0.39   | cps   |
| Tin        | 118-1 | 3167146  | 3147908  | 3144669  | 3153241  | 0.39   | cps   |
| Titanium   | 47-1  | 2718507  | 2736999  | 2711526  | 2722344  | 0.48   | cps   |
| Uranium    | 238-1 | 15052569 | 15121433 | 15065274 | 15079759 | 0.24   | cps   |
| Vanadium   | 51-2  | 1075749  | 1081292  | 1080138  | 1079060  | 0.27   | cps   |
| Yttrium    | 89-1  | 11367490 | 11450699 | 11391896 | 11403361 | 0.38   | cps   |
| Yttrium    | 89-2  | 1838121  | 1836487  | 1840202  | 1838270  | 0.10   | cps   |
| Zinc       | 66-2  | 360239   | 356280   | 358945   | 358488   | 0.56   | cps   |
| Zirconium  | 90-1  | 6765175  | 6740753  | 6724846  | 6743591  | 0.30   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95762             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV085              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV085              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-31 20:55:10 | DataFile Name :   | 021CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1480735 | 1471670 | 1479367 | 1477258 | 0.33   | cps   |

LB Number : LB95762 Operator : Jaswal  
 Lab Sample ID : CCB085 Instrumnet Name : P7  
 Client Sample ID : CCB085 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-31 20:58:45 DataFile Name : 022CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 250      | 300      | 200      | 250      | 20.00  | cps   |
| Antimony   | 121-1 | 4468     | 4451     | 5018     | 4645     | 6.94   | cps   |
| Arsenic    | 75-2  | 15       | 13       | 13       | 14       | 7.87   | cps   |
| Barium     | 135-1 | 267      | 250      | 200      | 239      | 14.52  | cps   |
| Barium     | 137-1 | 450      | 342      | 217      | 336      | 34.74  | cps   |
| Beryllium  | 9-1   | 378      | 428      | 439      | 415      | 7.85   | cps   |
| Bismuth    | 209-1 | 9729271  | 9761370  | 9727260  | 9739300  | 0.20   | cps   |
| Bismuth    | 209-2 | 6010861  | 6017941  | 6019259  | 6016021  | 0.08   | cps   |
| Boron      | 10-1  | 2934     | 2900     | 2567     | 2800     | 7.24   | cps   |
| Boron      | 11-1  | 13198    | 12656    | 11713    | 12522    | 6.00   | cps   |
| Cadmium    | 111-1 | 2206     | 2101     | 2301     | 2202     | 4.54   | cps   |
| Cadmium    | 106-1 | 3092     | 2942     | 3251     | 3095     | 4.98   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 29       | 18       | 53.30  | cps   |
| Calcium    | 43-1  | 283      | 258      | 167      | 236      | 26.01  | cps   |
| Calcium    | 44-1  | 8269     | 8078     | 7552     | 7966     | 4.66   | cps   |
| Chromium   | 52-2  | 403      | 373      | 320      | 366      | 11.55  | cps   |
| Cobalt     | 59-2  | 127      | 150      | 173      | 150      | 15.56  | cps   |
| Copper     | 63-2  | 947      | 923      | 893      | 921      | 2.90   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 75       | 42       | 53       | 36.46  | cps   |
| Erbium     | 164-2 | 20       | 20       | 17       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 108      | 92       | 15.74  | cps   |
| Gadolinium | 160-2 | 197      | 147      | 153      | 166      | 16.40  | cps   |
| Holmium    | 165-1 | 14942086 | 14967400 | 14955938 | 14955142 | 0.08   | cps   |
| Holmium    | 165-2 | 7937382  | 7943751  | 7973249  | 7951461  | 0.24   | cps   |
| Indium     | 115-1 | 11280918 | 11305209 | 11301073 | 11295733 | 0.12   | cps   |
| Indium     | 115-2 | 2512554  | 2523757  | 2525948  | 2520753  | 0.29   | cps   |
| Iron       | 56-2  | 26558    | 25695    | 23074    | 25109    | 7.23   | cps   |
| Iron       | 57-2  | 1000     | 878      | 900      | 926      | 7.03   | cps   |
| Lead       | 206-1 | 1250     | 1006     | 1156     | 1137     | 10.84  | cps   |
| Lead       | 207-1 | 1061     | 928      | 967      | 985      | 6.96   | cps   |
| Lead       | 208-1 | 4662     | 4373     | 4656     | 4563     | 3.62   | cps   |
| Lithium    | 6-1   | 3222821  | 3195143  | 3210186  | 3209383  | 0.43   | cps   |
| Magnesium  | 24-2  | 1342     | 1317     | 1250     | 1303     | 3.64   | cps   |
| Manganese  | 55-2  | 110      | 123      | 123      | 119      | 6.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB085              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB085              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:58:45 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD    | Units |
|------------|-------|----------|----------|----------|----------|-----------|-------|
| Molybdenum | 94-1  | 1692     | 1500     | 1267     | 1486     | 14.32     | cps   |
| Molybdenum | 95-1  | 1842     | 1667     | 1367     | 1625     | 14.78     | cps   |
| Molybdenum | 96-1  | 2059     | 2100     | 1717     | 1959     | 10.74     | cps   |
| Molybdenum | 97-1  | 1142     | 1042     | 858      | 1014     | 14.17     | cps   |
| Molybdenum | 98-1  | 2717     | 2575     | 2034     | 2442     | 14.77     | cps   |
| Neodymium  | 150-1 | 13       | 13       | 0        | 9        | 86.60     | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05    | cps   |
| Nickel     | 60-2  | 93       | 63       | 80       | 79       | 19.06     | cps   |
| Phosphorus | 31-2  | 175      | 133      | 117      | 142      | 21.21     | cps   |
| Potassium  | 39-2  | 33514    | 34867    | 34733    | 34371    | 2.17      | cps   |
| Rhodium    | 103-1 | 10273780 | 10285198 | 10358869 | 10305949 | 0.45      | cps   |
| Rhodium    | 103-2 | 5154030  | 5167298  | 5180771  | 5167366  | 0.26      | cps   |
| Scandium   | 45-1  | 7131537  | 7048145  | 7133379  | 7104354  | 0.69      | cps   |
| Scandium   | 45-2  | 348898   | 349627   | 347518   | 348681   | 0.31      | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21    | cps   |
| Selenium   | 78-2  | 59       | 83       | 81       | 75       | 17.93     | cps   |
| Selenium   | 82-1  | 30       | -1       | -28      | 0        | -66880.89 | cps   |
| Silicon    | 28-1  | 347063   | 343906   | 341699   | 344223   | 0.78      | cps   |
| Silver     | 109-1 | 458      | 458      | 408      | 442      | 6.54      | cps   |
| Silver     | 107-1 | 433      | 425      | 425      | 428      | 1.12      | cps   |
| Sodium     | 23-2  | 35560    | 34607    | 33731    | 34632    | 2.64      | cps   |
| Strontium  | 86-1  | 592      | 492      | 542      | 542      | 9.23      | cps   |
| Strontium  | 88-1  | 700      | 575      | 458      | 578      | 20.92     | cps   |
| Sulfur     | 34-1  | 250802   | 253639   | 255089   | 253177   | 0.86      | cps   |
| Terbium    | 159-1 | 15275657 | 15272262 | 15377752 | 15308557 | 0.39      | cps   |
| Terbium    | 159-2 | 7935827  | 7877474  | 7898273  | 7903858  | 0.37      | cps   |
| Thallium   | 203-1 | 1108     | 1083     | 733      | 975      | 21.51     | cps   |
| Thallium   | 205-1 | 2250     | 2059     | 2217     | 2175     | 4.71      | cps   |
| Tin        | 118-1 | 3017     | 3309     | 2909     | 3078     | 6.72      | cps   |
| Titanium   | 47-1  | 308      | 300      | 267      | 292      | 7.56      | cps   |
| Uranium    | 238-1 | 917      | 600      | 533      | 683      | 29.97     | cps   |
| Vanadium   | 51-2  | 20       | 10       | 30       | 20       | 50.00     | cps   |
| Yttrium    | 89-1  | 11787084 | 11833808 | 11883601 | 11834831 | 0.41      | cps   |
| Yttrium    | 89-2  | 1900955  | 1898823  | 1898693  | 1899490  | 0.07      | cps   |
| Zinc       | 66-2  | 763      | 723      | 700      | 729      | 4.39      | cps   |
| Zirconium  | 90-1  | 1634     | 1225     | 1392     | 1417     | 14.49     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95762             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB085              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB085              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-31 20:58:45 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 333  | 292  | 328     | 10.28  | cps   |