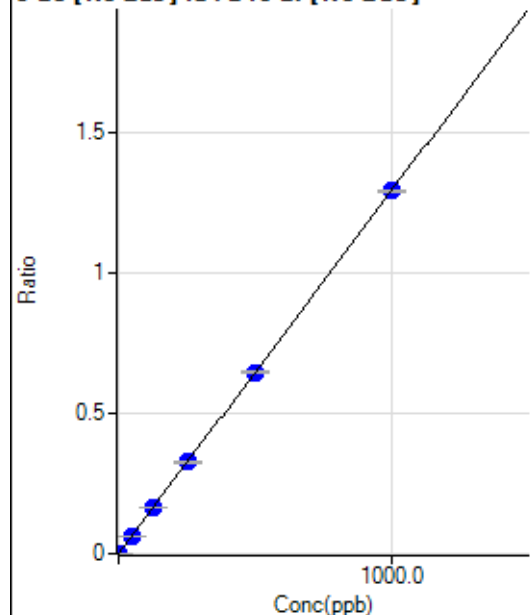


Batch Folder: D:\ICP-MS Data\P7022217.b\  
Analysis File: P7022217.batch.bin  
DA Date-Time: 2017-02-22 17:54:33  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 002CALB.d          | S00         | 2017-02-22 16:00:43 |
| 2     |                    |             |                     |
| 3     | 004CALS.d          | S02         | 2017-02-22 16:08:33 |
| 4     | 005CALS.d          | S03         | 2017-02-22 16:12:26 |
| 5     | 006CALS.d          | S04         | 2017-02-22 16:16:20 |
| 6     | 007CALS.d          | S05         | 2017-02-22 16:20:12 |
| 7     | 008CALS.d          | S06         | 2017-02-22 16:24:02 |
| 8     | 009CALS.d          | S07         | 2017-02-22 16:27:48 |
| 9     | 010CALS.d          | S08         | 2017-02-22 16:31:29 |

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      | 14.82     | 0.0000 | P    | 56.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.935      | 624.11    | 0.0012 | P    | 6.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.838     | 32663.26  | 0.0644 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.961    | 81397.16  | 0.1627 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 252.112    | 161944.43 | 0.3256 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 499.518    | 321341.63 | 0.6452 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.601    | 634622.32 | 1.2911 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 161.12    | 0.0004 | P    | 17.4 |

$$y = 0.0013 * x + 3.0181E-005$$

$$R = 1.0000$$

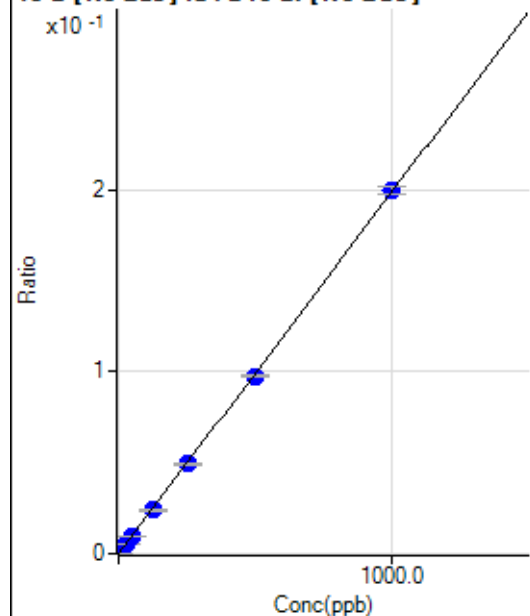
$$DL = 0.03964$$

$$BEC = 0.02337$$

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      | 19.45    | 0.0000 | P    | 23.5 |
| 2 | <input type="checkbox"/> | 2.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 25.772     | 2600.32  | 0.0052 | P    | 7.0  |
| 4 | <input type="checkbox"/> | 50.000   | 47.517     | 4806.51  | 0.0095 | P    | 3.7  |
| 5 | <input type="checkbox"/> | 125.000  | 119.811    | 11924.54 | 0.0238 | P    | 4.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.047    | 24620.73 | 0.0495 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 492.273    | 48720.90 | 0.0978 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.856   | 98127.91 | 0.1996 | P    | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 3378.29  | 0.0074 | P    | 18.6 |

$$y = 1.9863E-004 * x + 3.9674E-005$$

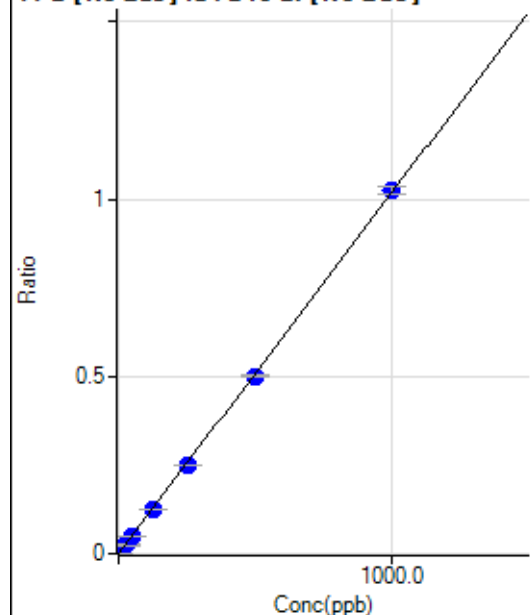
$$R = 0.9999$$

$$DL = 0.1409$$

$$BEC = 0.1997$$

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      | 100.00    | 0.0002 | P    | 43.6 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.813     | 12305.47  | 0.0244 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 47.676     | 24693.12  | 0.0487 | P    | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 121.902    | 62117.16  | 0.1242 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 245.301    | 124159.17 | 0.2497 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 492.343    | 249529.82 | 0.5009 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.536   | 502742.60 | 1.0228 | P    | 2.1  |
| 9 | <input type="checkbox"/> |          |            | 17029.66  | 0.0372 | P    | 11.3 |

$$y = 0.0010 * x + 2.0400E-004$$

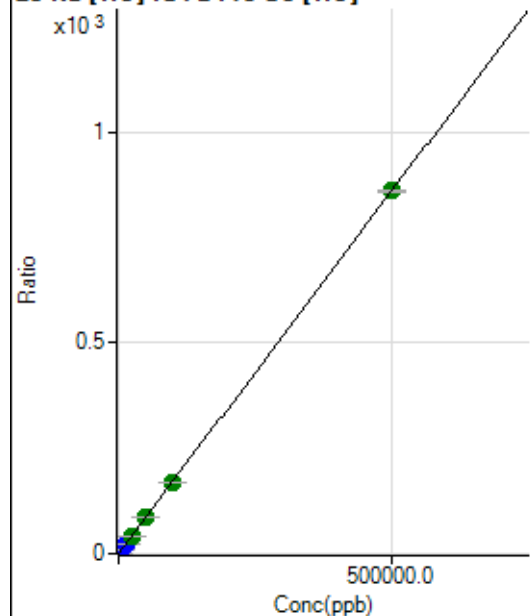
$$R = 0.9999$$

$$DL = 0.2621$$

$$BEC = 0.2006$$

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      | 8205.33     | 0.0698   | P    | 3.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 495.963    | 110644.16   | 0.9231   | P    | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5142.575   | 1049198.15  | 8.9177   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12748.163  | 2589007.61  | 22.0032  | P    | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24829.137  | 5134015.30  | 42.7888  | A    | 1.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49577.846  | 10252980.00 | 85.3694  | A    | 1.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 97680.792  | 20757525.29 | 168.1314 | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 500506.97  | 98885688.32 | 861.2012 | A    | 0.5 |

$$y = 0.0017 * x + 0.0698$$

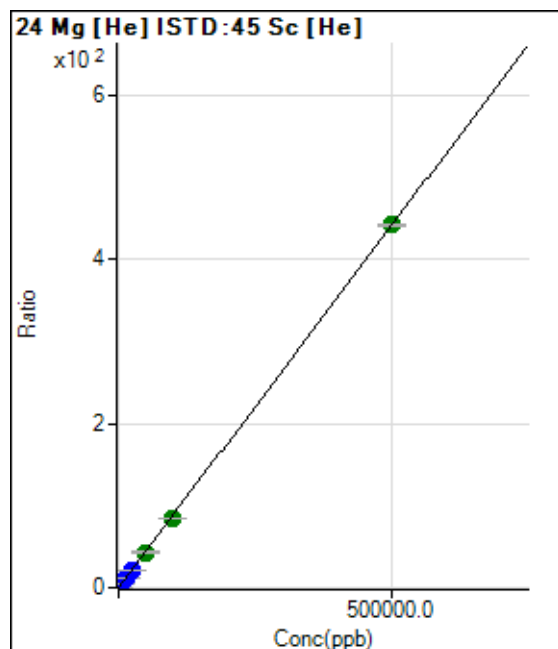
$$R = 1.0000$$

$$DL = 4.469$$

$$BEC = 40.55$$

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      | 100.00      | 0.0008   | P    | 29.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 495.500    | 52540.33    | 0.4383   | P    | 0.7  |
| 4 | <input type="checkbox"/> | 5000.000  | 5080.462   | 527824.50   | 4.4862   | P    | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12580.218  | 1306967.88  | 11.1074  | P    | 1.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 24232.250  | 2567075.30  | 21.3945  | P    | 1.0  |
| 7 | <input type="checkbox"/> | 50000.000 | 48932.449  | 5188513.44  | 43.2012  | A    | 1.5  |
| 8 | <input type="checkbox"/> | 100000.00 | 96150.729  | 10479513.69 | 84.8883  | A    | 1.4  |
| 9 | <input type="checkbox"/> | 500000.00 | 500912.19  | 50778769.88 | 442.2351 | A    | 0.5  |

$$y = 8.8286\text{E-}004 * x + 8.4904\text{E-}004$$

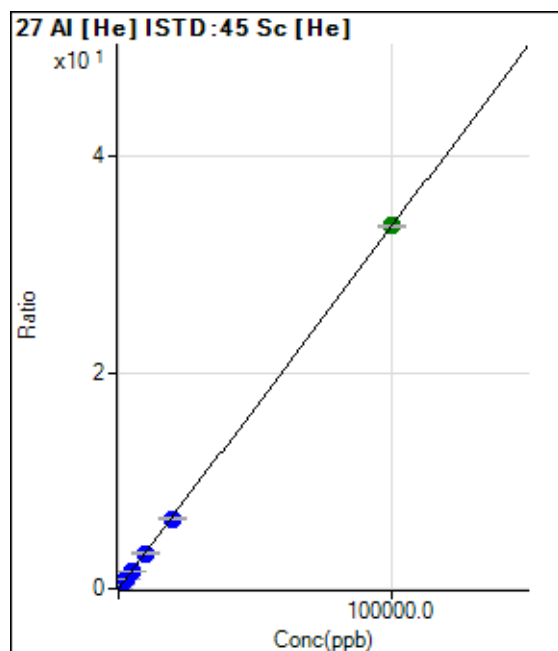
$$R = 1.0000$$

$$DL = 0.8408$$

$$BEC = 0.9617$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5.55       | 0.0000  | P    | 86.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 22.096     | 894.51     | 0.0075  | P    | 22.5 |
| 4 | <input type="checkbox"/> | 1000.000  | 1006.858   | 39722.92   | 0.3376  | P    | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2536.215   | 100061.56  | 0.8504  | P    | 1.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4935.428   | 198549.50  | 1.6547  | P    | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9821.371   | 395465.84  | 3.2928  | P    | 1.7  |
| 8 | <input type="checkbox"/> | 20000.000 | 19256.772  | 797036.55  | 6.4562  | P    | 1.3  |
| 9 | <input type="checkbox"/> | 100000.00 | 100168.76  | 3856164.45 | 33.5835 | A    | 0.8  |

$$y = 3.3527\text{E-}004 * x + 4.7483\text{E-}005$$

$$R = 1.0000$$

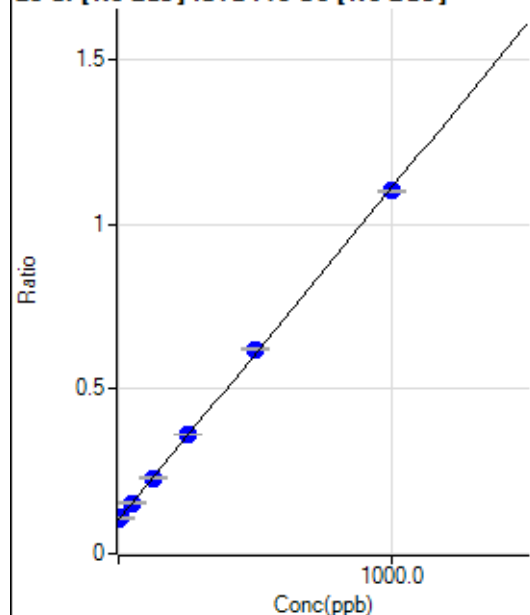
$$DL = 0.368$$

$$BEC = 0.1416$$

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      | 276117.18  | 0.1027 | P    | 0.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 5.288      | 295636.76  | 0.1080 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 50.000   | 51.423     | 423334.80  | 0.1545 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 126.711    | 625662.13  | 0.2303 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 254.937    | 977602.81  | 0.3594 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 514.645    | 1732162.78 | 0.6208 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.206    | 3057880.26 | 1.1006 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 332118.77  | 0.1239 | P    | 0.1 |

$$y = 0.0010 * x + 0.1027$$

$$R = 0.9998$$

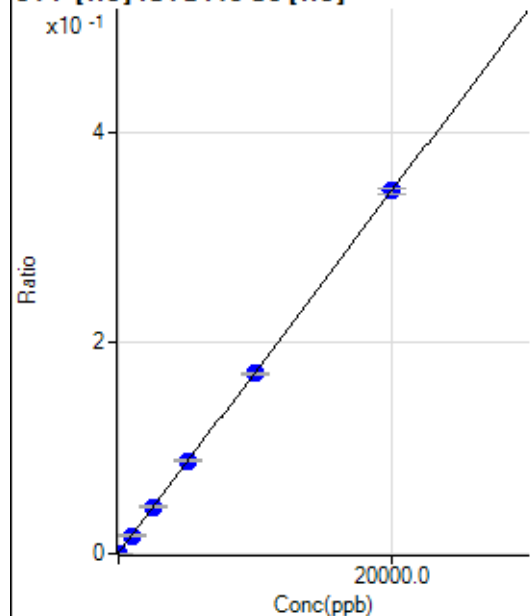
$$DL = 1.071$$

$$BEC = 102$$

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     | -7.864     | 50.00    | 0.0004 | P    | 45.1 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 7.864      | 83.34    | 0.0007 | P    | 36.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 974.788    | 2036.33  | 0.0173 | P    | 5.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2524.161   | 5167.76  | 0.0439 | P    | 4.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5078.620   | 10534.63 | 0.0878 | P    | 2.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9917.040   | 20528.69 | 0.1709 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 20020.065  | 42525.44 | 0.3445 | P    | 1.4  |
| 9 | <input type="checkbox"/> |           |            | 50.00    | 0.0004 | P    | 28.0 |

$$y = 1.7178E-005 * x + 5.6130E-004$$

$$R = 1.0000$$

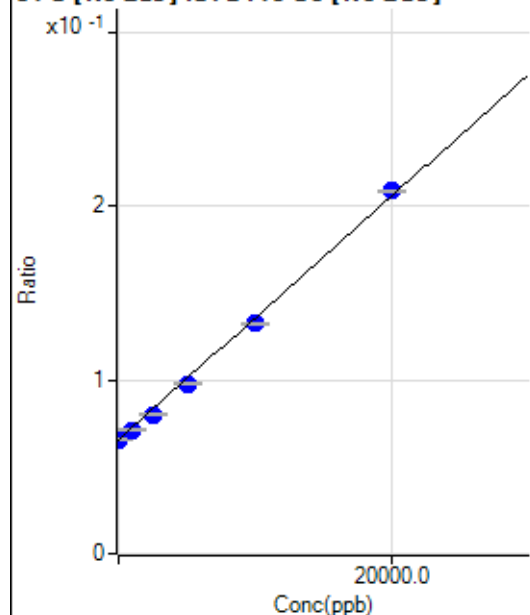
$$DL = 39.03$$

$$BEC = 32.68$$

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     | -15.795    | 176589.57 | 0.0657 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 15.795     | 180352.42 | 0.0659 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 767.344    | 195020.22 | 0.0712 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2032.965   | 217431.99 | 0.0800 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 4577.601   | 266127.40 | 0.0978 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 9498.440   | 369023.40 | 0.1323 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 20000.000 | 20426.392  | 579935.73 | 0.2087 | P    | 0.5 |
| 9 | <input type="checkbox"/> |           |            | 171242.87 | 0.0639 | P    | 0.7 |

$$y = 6.9973\text{E-}006 * x + 0.0658$$

$$R = 0.9992$$

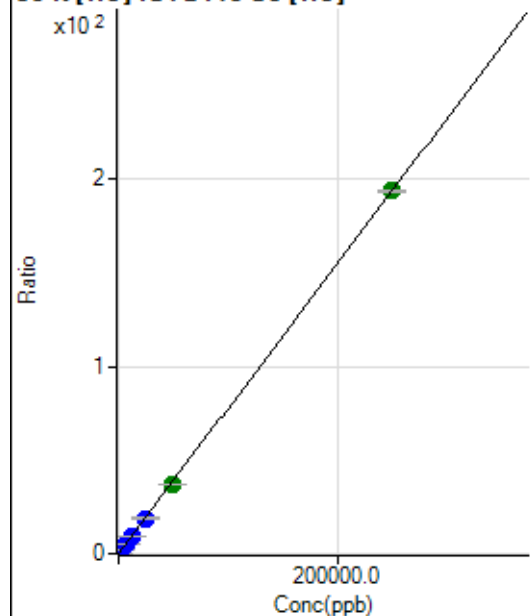
$$DL = 345$$

$$BEC = 9404$$

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      | 8986.37     | 0.0764   | P    | 3.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 473.980    | 53126.31    | 0.4433   | P    | 2.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2469.339   | 233850.78   | 1.9876   | P    | 0.9 |
| 5 | <input type="checkbox"/> | 6250.000  | 6220.212   | 575520.93   | 4.8907   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12200.743  | 1142233.90  | 9.5196   | P    | 1.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24335.258  | 2271314.61  | 18.9115  | P    | 1.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 47865.263  | 4582917.20  | 37.1233  | A    | 1.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250509.48  | 22272548.59 | 193.9664 | A    | 0.4 |

$$y = 7.7398\text{E-}004 * x + 0.0764$$

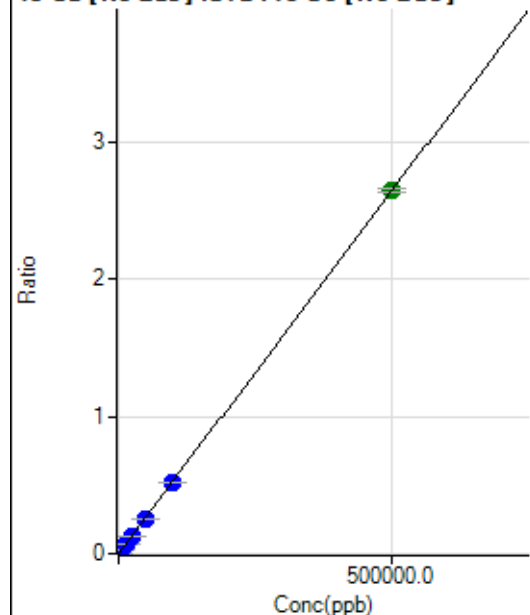
$$R = 1.0000$$

$$DL = 11.61$$

$$BEC = 98.71$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 83.33      | 0.0000 | P    | 34.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 477.606    | 6990.77    | 0.0026 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 5000.000  | 4807.447   | 69692.29   | 0.0254 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12170.571  | 174814.86  | 0.0643 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 24606.799  | 353772.44  | 0.1300 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 50000.000 | 48368.219  | 713146.60  | 0.2556 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 97449.562  | 1430704.42 | 0.5149 | P    | 0.2  |
| 9 | <input type="checkbox"/> | 500000.00 | 500703.10  | 7091610.14 | 2.6456 | A    | 1.0  |

$$y = 5.2838\text{E-}006 * x + 3.1011\text{E-}005$$

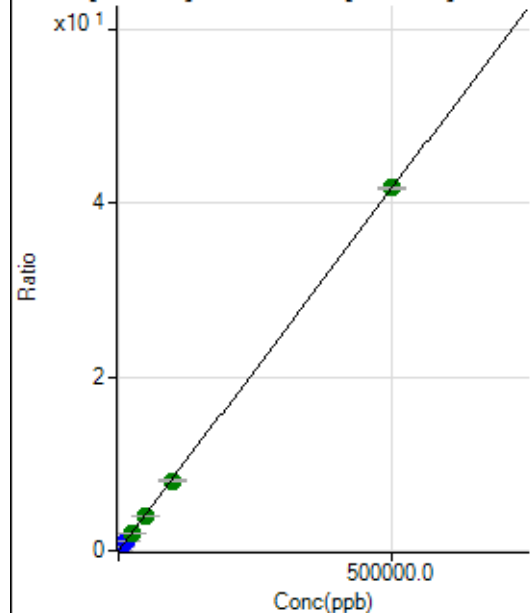
$$R = 1.0000$$

$$DL = 6.117$$

$$BEC = 5.869$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4011.84     | 0.0015  | P    | 4.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 475.710    | 112444.47   | 0.0411  | P    | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 4860.355   | 1112776.80  | 0.4061  | P    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12011.440  | 2720716.71  | 1.0014  | P    | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 24208.639  | 5486076.90  | 2.0167  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 47552.522  | 11048644.26 | 3.9599  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 96750.651  | 22380970.12 | 8.0553  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 500947.82  | 111782352.5 | 41.7020 | A    | 0.6 |

$$y = 8.3243\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

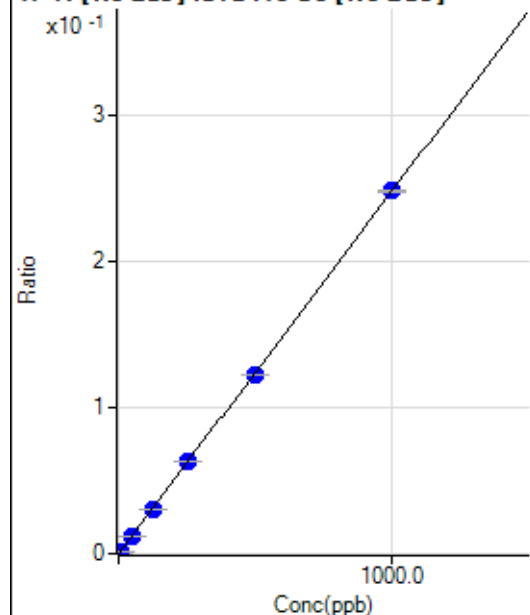
$$DL = 2.439$$

$$BEC = 17.93$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.89    | 0.0000 | P        | 36.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.564      | 3200.48   | 0.0012 | P        | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.902     | 33218.85  | 0.0121 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 123.529    | 83025.35  | 0.0306 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.212    | 170265.59 | 0.0626 | P        | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 492.840    | 339789.28 | 0.1218 | P        | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.018   | 688508.16 | 0.2478 | P        | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 622.26    | 0.0002 | P        | 23.8 |

$$y = 2.4702E-004 * x + 4.2338E-005$$

$$R = 1.0000$$

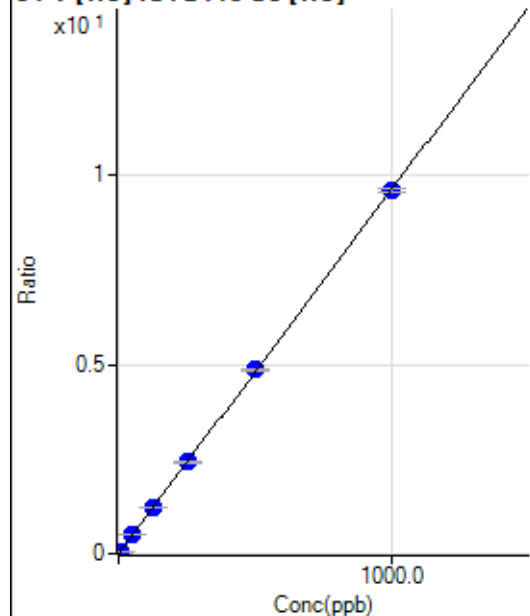
$$DL = 0.1882$$

$$BEC = 0.1714$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|------------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22       | 0.0000 | P        | 173.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |          |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.797      | 5537.78    | 0.0462 | P        | 1.1   |
| 4 | <input type="checkbox"/> | 50.000   | 50.940     | 57704.56   | 0.4905 | P        | 0.7   |
| 5 | <input type="checkbox"/> | 125.000  | 127.215    | 144128.81  | 1.2248 | P        | 0.7   |
| 6 | <input type="checkbox"/> | 250.000  | 251.333    | 290343.13  | 2.4198 | P        | 1.2   |
| 7 | <input type="checkbox"/> | 500.000  | 505.112    | 584053.92  | 4.8631 | P        | 1.7   |
| 8 | <input type="checkbox"/> | 1000.000 | 996.788    | 1184796.94 | 9.5969 | P        | 0.9   |
| 9 | <input type="checkbox"/> |          |            | 213.34     | 0.0019 | P        | 2.4   |

$$y = 0.0096 * x + 1.9115E-005$$

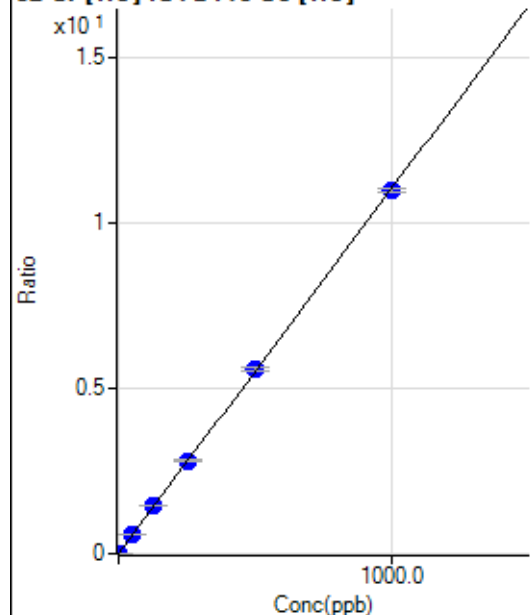
$$R = 1.0000$$

$$DL = 0.01032$$

$$BEC = 0.001985$$

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      | 275.56     | 0.0023  | P    | 4.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.011      | 2943.68    | 0.0246  | P    | 2.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.049     | 67903.00   | 0.5772  | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 129.633    | 168735.48  | 1.4340  | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 255.146    | 338374.77  | 2.8201  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 507.883    | 673876.26  | 5.6112  | P    | 2.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.091    | 1355608.94 | 10.9807 | P    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 9603.26    | 0.0836  | P    | 4.3 |

$$y = 0.0110 * x + 0.0023$$

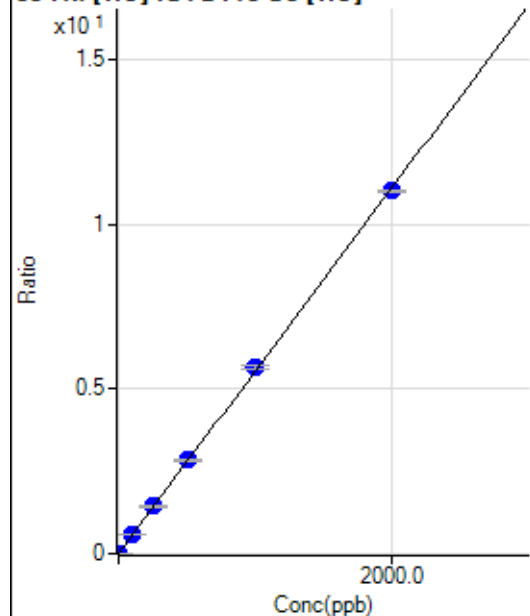
$$R = 0.9999$$

$$DL = 0.02639$$

$$BEC = 0.2122$$

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      | 16.67      | 0.0001  | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.978      | 666.69     | 0.0056  | P    | 6.7  |
| 4 | <input type="checkbox"/> | 100.000  | 103.852    | 67731.67   | 0.5757  | P    | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 258.541    | 168632.68  | 1.4330  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 511.310    | 340044.24  | 2.8340  | P    | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1018.714   | 678088.37  | 5.6461  | P    | 1.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1986.556   | 1359284.20 | 11.0102 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 4609.68    | 0.0401  | P    | 1.6  |

$$y = 0.0055 * x + 1.4182E-004$$

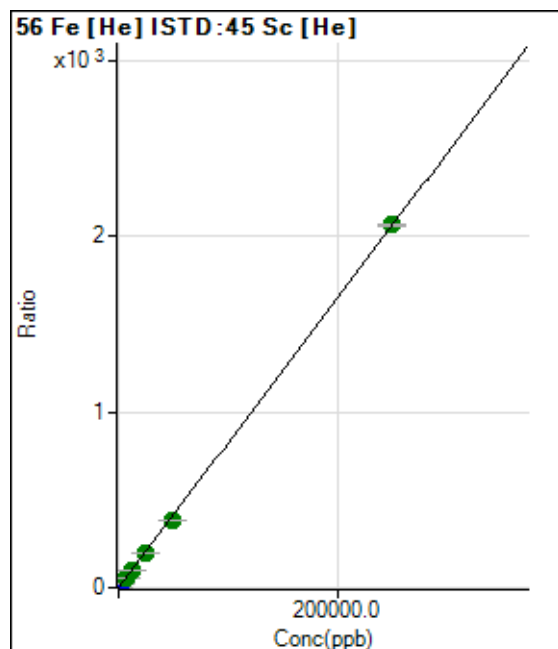
$$R = 0.9999$$

$$DL = 0.01571$$

$$BEC = 0.02559$$

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      | 1388.99     | 0.0118    | P    | 2.1 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 49.629     | 50395.76    | 0.4204    | P    | 0.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2512.720   | 2435417.44  | 20.7000   | P    | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6059.631   | 5872178.08  | 49.9032   | A    | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 11896.999  | 11754692.97 | 97.9645   | A    | 0.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 23618.441  | 23355491.49 | 194.4719  | A    | 1.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 46261.219  | 47023688.09 | 380.8989  | A    | 1.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 250920.69  | 237217851.6 | 2,065.941 | A    | 0.6 |

$$y = 0.0082 * x + 0.0118$$

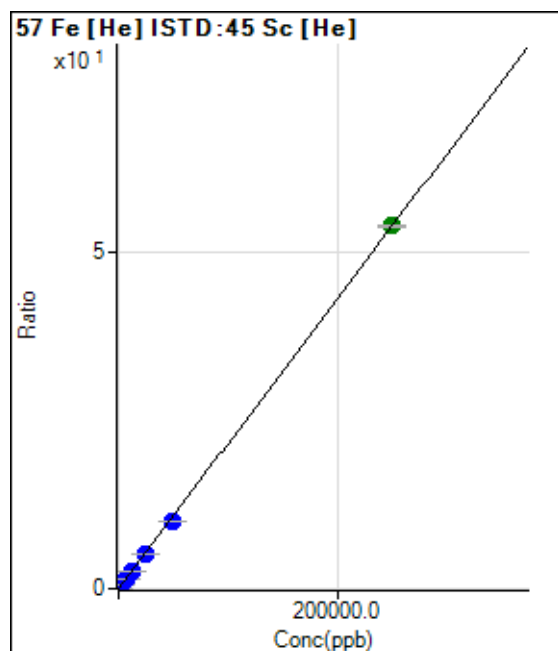
$$R = 0.9999$$

$$DL = 0.08859$$

$$BEC = 1.435$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 42.59      | 0.0004  | P    | 19.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 46.706     | 1246.38    | 0.0104  | P    | 1.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2452.546   | 62040.33   | 0.5273  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6086.159   | 153919.74  | 1.3080  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 12500.000 | 11987.970  | 309104.26  | 2.5761  | P    | 0.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 24128.391  | 622640.01  | 5.1846  | P    | 2.1  |
| 8 | <input type="checkbox"/> | 50000.000 | 46695.561  | 1238705.67 | 10.0335 | P    | 0.9  |
| 9 | <input type="checkbox"/> | 250000.00 | 250778.22  | 6186995.80 | 53.8831 | A    | 0.5  |

$$y = 2.1486E-004 * x + 3.6200E-004$$

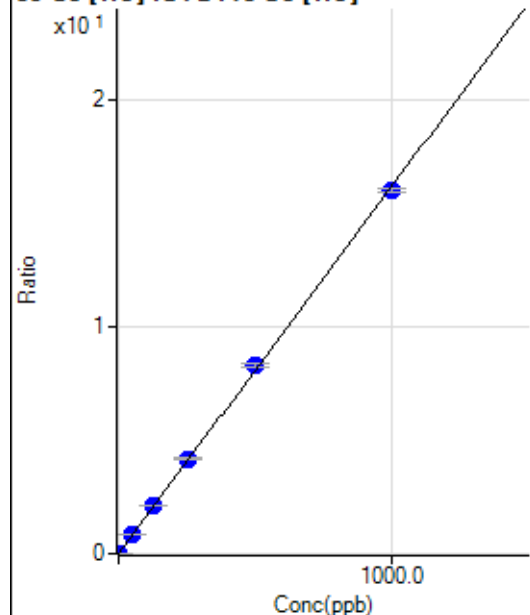
$$R = 0.9999$$

$$DL = 0.9873$$

$$BEC = 1.685$$

Weight: <None>

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.56      | 0.0003  | P    | 24.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.064      | 2100.19    | 0.0175  | P    | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.866     | 100683.30  | 0.8558  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 131.917    | 251233.13  | 2.1349  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 258.776    | 502489.57  | 4.1877  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 515.876    | 1002554.88 | 8.3480  | P    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.860    | 1975489.17 | 16.0017 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1373.42    | 0.0120  | P    | 4.1  |

$$y = 0.0162 * x + 3.0255E-004$$

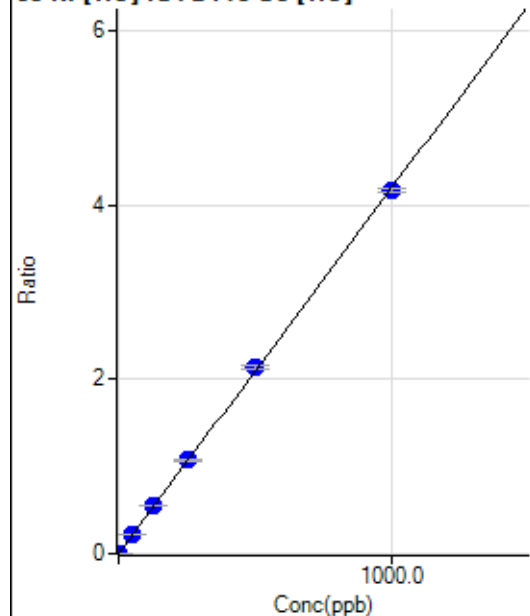
$$R = 0.9998$$

$$DL = 0.01354$$

$$BEC = 0.0187$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.67     | 0.0001 | P    | 60.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.986      | 513.35    | 0.0043 | P    | 12.8 |
| 4 | <input type="checkbox"/> | 50.000   | 52.516     | 25954.26  | 0.2206 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 131.263    | 64858.06  | 0.5512 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 256.352    | 129139.23 | 1.0763 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.595    | 256936.15 | 2.1394 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.706    | 514489.36 | 4.1674 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 2040.17   | 0.0178 | P    | 2.7  |

$$y = 0.0042 * x + 1.4206E-004$$

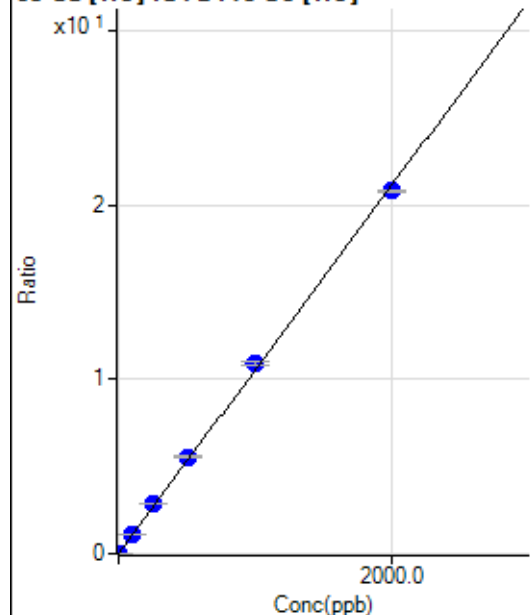
$$R = 0.9999$$

$$DL = 0.061$$

$$BEC = 0.03384$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 132.22     | 0.0011  | P    | 15.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.102      | 2796.98    | 0.0233  | P    | 2.6  |
| 4 | <input type="checkbox"/> | 100.000  | 108.507    | 135052.19  | 1.1479  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 269.354    | 335107.92  | 2.8478  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 527.382    | 668907.43  | 5.5748  | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1036.300   | 1315470.95 | 10.9533 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1972.160   | 2573351.77 | 20.8440 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3876.13    | 0.0338  | P    | 1.2  |

$$y = 0.0106 * x + 0.0011$$

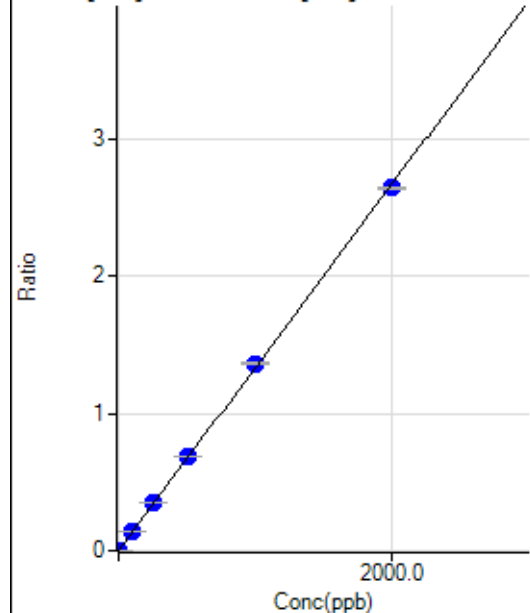
$$R = 0.9996$$

$$DL = 0.04778$$

$$BEC = 0.1063$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.56     | 0.0002 | P    | 39.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.995      | 344.45    | 0.0029 | P    | 4.4  |
| 4 | <input type="checkbox"/> | 100.000  | 106.357    | 16695.26  | 0.1419 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 262.510    | 41179.11  | 0.3499 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 515.606    | 82442.05  | 0.6871 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1023.212   | 163732.03 | 1.3633 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1982.611   | 326102.33 | 2.6414 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2841.44   | 0.0247 | P    | 4.0  |

$$y = 0.0013 * x + 2.1689E-004$$

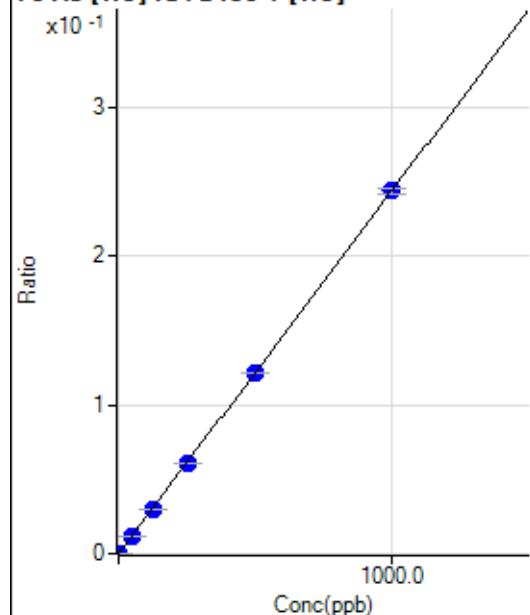
$$R = 0.9999$$

$$DL = 0.1903$$

$$BEC = 0.1628$$

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      | 3.70      | 0.0000 | P    | 49.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.946      | 124.69    | 0.0002 | P    | 13.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.764     | 6153.20   | 0.0119 | P    | 4.1  |
| 5 | <input type="checkbox"/> | 125.000  | 123.097    | 15569.53  | 0.0300 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 247.570    | 31594.76  | 0.0603 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 499.219    | 64482.64  | 0.1216 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.298   | 131281.98 | 0.2439 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 187.04    | 0.0004 | P    | 21.7 |

$$y = 2.4362\text{E-}004 * x + 7.2029\text{E-}006$$

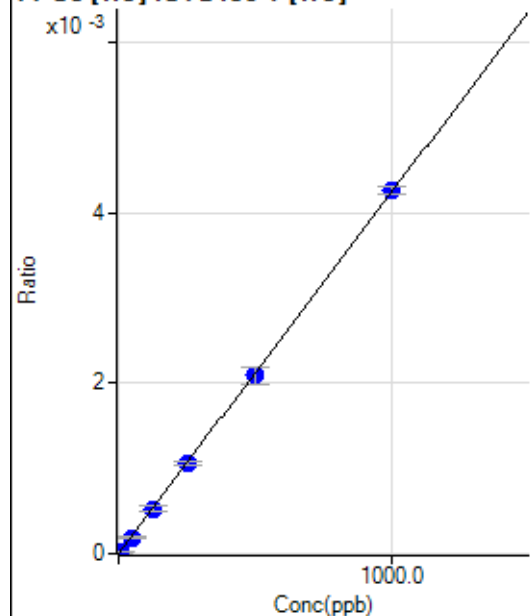
$$R = 1.0000$$

$$DL = 0.04393$$

$$BEC = 0.02957$$

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 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 3.493      | 8.89    | 0.0000 | P    | 57.3  |
| 4 | <input type="checkbox"/> | 50.000   | 44.632     | 98.89   | 0.0002 | P    | 4.8   |
| 5 | <input type="checkbox"/> | 125.000  | 123.995    | 273.34  | 0.0005 | P    | 12.7  |
| 6 | <input type="checkbox"/> | 250.000  | 247.623    | 550.02  | 0.0011 | P    | 4.3   |
| 7 | <input type="checkbox"/> | 500.000  | 493.494    | 1108.95 | 0.0021 | P    | 9.2   |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.249   | 2289.11 | 0.0043 | P    | 2.0   |
| 9 | <input type="checkbox"/> |          |            | 1.11    | 0.0000 | P    | 173.2 |

$$y = 4.2320\text{E-}006 * x + 2.1587\text{E-}006$$

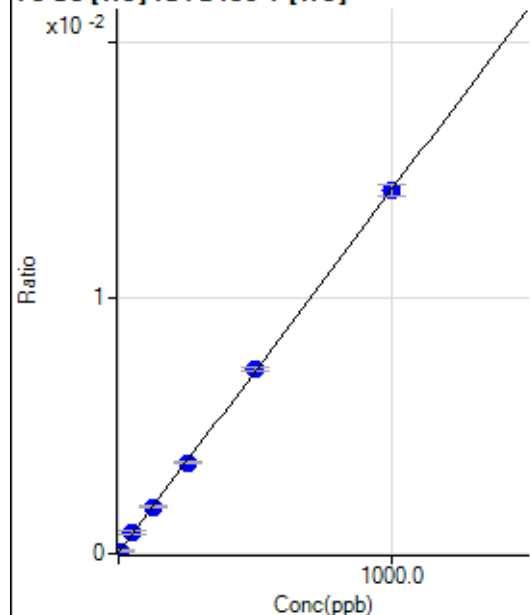
$$R = 1.0000$$

$$DL = 2.651$$

$$BEC = 0.5101$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.16   | 0.0001 | P   | 4.5  |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.069      | 58.03   | 0.0001 | P   | 12.7 |
| 4 | <input type="checkbox"/> | 50.000   | 55.365     | 432.72  | 0.0008 | P   | 14.4 |
| 5 | <input type="checkbox"/> | 125.000  | 125.422    | 948.80  | 0.0018 | P   | 4.0  |
| 6 | <input type="checkbox"/> | 250.000  | 248.104    | 1866.80 | 0.0036 | P   | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.021    | 3816.58 | 0.0072 | P   | 2.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.647    | 7624.90 | 0.0142 | P   | 3.1  |
| 9 | <input type="checkbox"/> |          |            | 34.57   | 0.0001 | P   | 7.7  |

$$y = 1.4151\text{E-}005 * x + 5.2973\text{E-}005$$

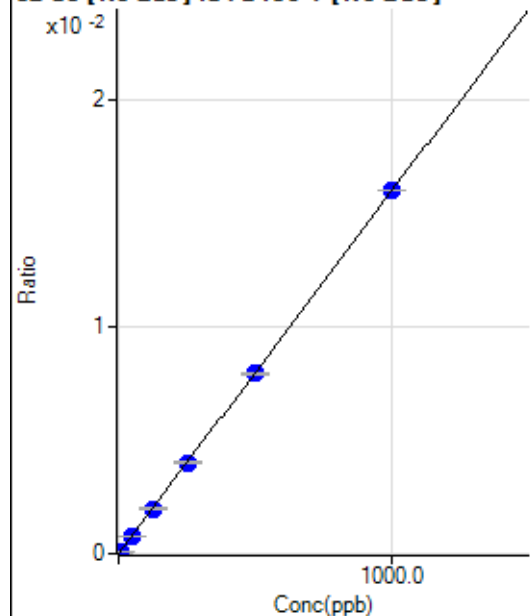
$$R = 1.0000$$

$$DL = 0.5051$$

$$BEC = 3.743$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -44.33   | 0.0000 | P   | -106. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.709      | 282.14   | 0.0001 | P   | 17.6  |
| 4 | <input type="checkbox"/> | 50.000   | 48.870     | 2718.71  | 0.0008 | P   | 4.1   |
| 5 | <input type="checkbox"/> | 125.000  | 123.339    | 6866.69  | 0.0020 | P   | 2.4   |
| 6 | <input type="checkbox"/> | 250.000  | 251.249    | 14074.68 | 0.0040 | P   | 1.4   |
| 7 | <input type="checkbox"/> | 500.000  | 496.835    | 28391.95 | 0.0079 | P   | 1.0   |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.531   | 57147.28 | 0.0160 | P   | 0.1   |
| 9 | <input type="checkbox"/> |          |            | 95.60    | 0.0000 | P   | 18.8  |

$$y = 1.6005\text{E-}005 * x - 1.2387\text{E-}005$$

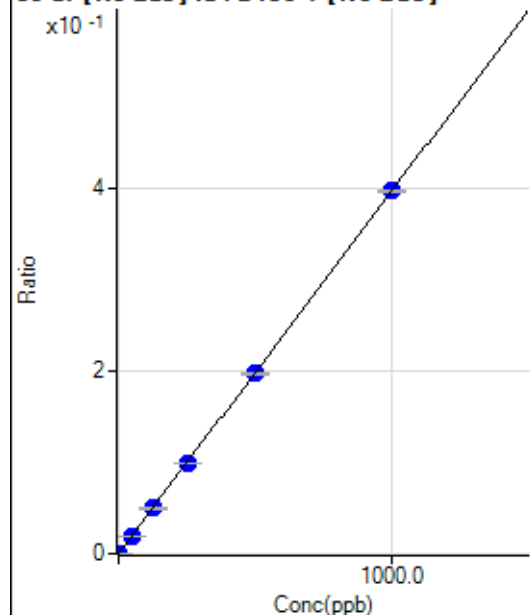
$$R = 1.0000$$

$$DL = 2.477$$

$$BEC = -0.774$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 722.27     | 0.0002 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.939      | 2047.46    | 0.0006 | P    | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.801     | 68865.32   | 0.0195 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.585    | 173164.07  | 0.0495 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.137    | 347966.76  | 0.0991 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.035    | 703547.75  | 0.1967 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.560   | 1413711.54 | 0.3962 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 41162.86   | 0.0121 | P    | 1.7  |

$$y = 3.9542\text{E-}004 * x + 2.0176\text{E-}004$$

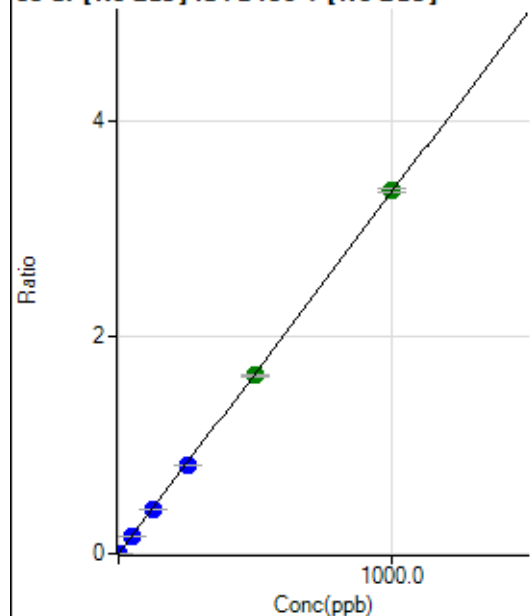
$$R = 1.0000$$

$$DL = 0.195$$

$$BEC = 0.5102$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 105.56      | 0.0000 | P    | 22.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.929      | 11176.97    | 0.0031 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.103     | 590566.99   | 0.1672 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.253    | 1451583.78  | 0.4146 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 245.358    | 2874516.28  | 0.8187 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 493.820    | 5892555.95  | 1.6478 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.339   | 11956805.48 | 3.3513 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 344366.07   | 0.1015 | P    | 2.5  |

$$y = 0.0033 * x + 2.9489\text{E-}005$$

$$R = 1.0000$$

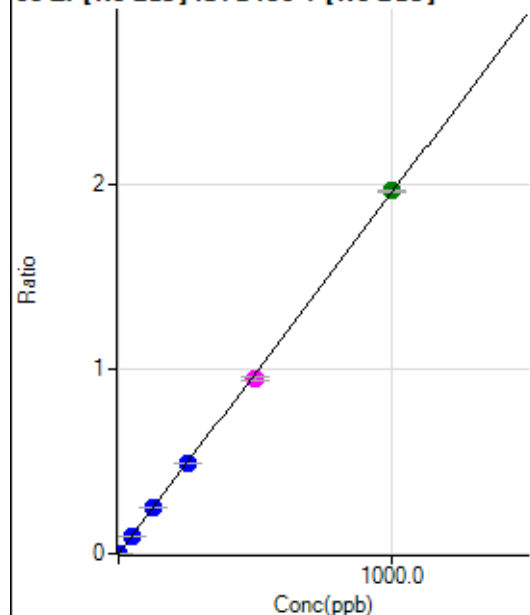
$$DL = 0.006065$$

$$BEC = 0.008838$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 180.56     | 0.0001 | P   | 26.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.671      | 4864.94    | 0.0014 | P   | 12.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.721     | 336598.41  | 0.0953 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.738    | 860816.96  | 0.2459 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 250.569    | 1720124.82 | 0.4899 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 487.352    | 3407382.59 | 0.9529 | M   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.154   | 7018650.68 | 1.9672 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1994.68    | 0.0006 | P   | 8.9  |

$$y = 0.0020 * x + 5.0434E-005$$

$$R = 0.9999$$

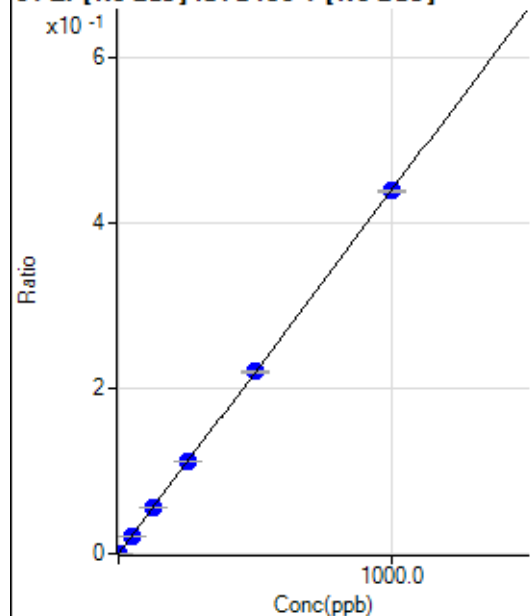
$$DL = 0.02029$$

$$BEC = 0.0258$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P   | 40.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.672      | 1097.31    | 0.0003 | P   | 11.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.568     | 75448.84   | 0.0214 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.534    | 194767.72  | 0.0556 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 254.557    | 392924.99  | 0.1119 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 500.197    | 786398.69  | 0.2199 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.642    | 1566334.57 | 0.4390 | P   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 436.14     | 0.0001 | P   | 10.2 |

$$y = 4.3960E-004 * x + 1.1639E-005$$

$$R = 1.0000$$

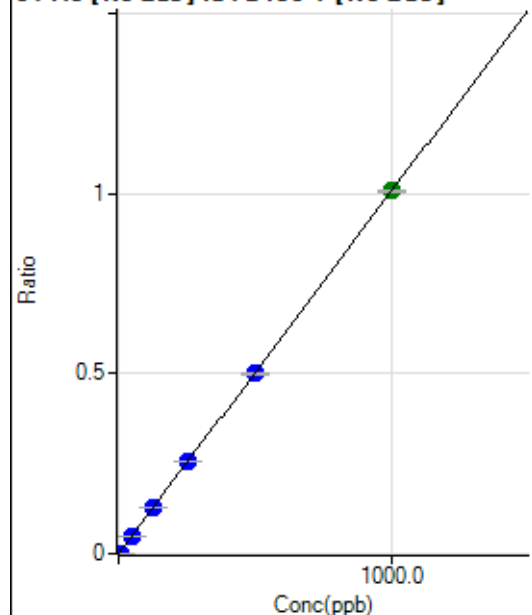
$$DL = 0.03176$$

$$BEC = 0.02648$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0000 | P    | 79.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.953      | 7096.46    | 0.0020 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.693     | 176619.44  | 0.0500 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.289    | 444808.43  | 0.1271 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 252.476    | 891737.96  | 0.2540 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.934    | 1787658.24 | 0.4999 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.783   | 3591789.45 | 1.0067 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 4564.80    | 0.0013 | P    | 16.0 |

$$y = 0.0010 * x + 2.1717E-005$$

$$R = 1.0000$$

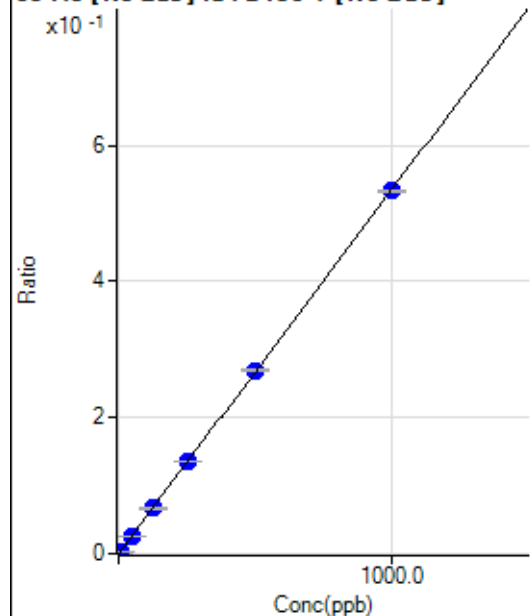
$$DL = 0.05115$$

$$BEC = 0.02159$$

Weight: &lt;None&gt;

Min Conc: 0

95 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      | 27.78      | 0.0000 | P    | 45.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.645      | 8886.44    | 0.0025 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.254     | 92929.52   | 0.0263 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.011    | 233749.54  | 0.0668 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 253.858    | 476011.53  | 0.1356 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 502.647    | 959979.28  | 0.2684 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.750    | 1901155.79 | 0.5329 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 6596.24    | 0.0019 | P    | 11.0 |

$$y = 5.3405E-004 * x + 7.7593E-006$$

$$R = 1.0000$$

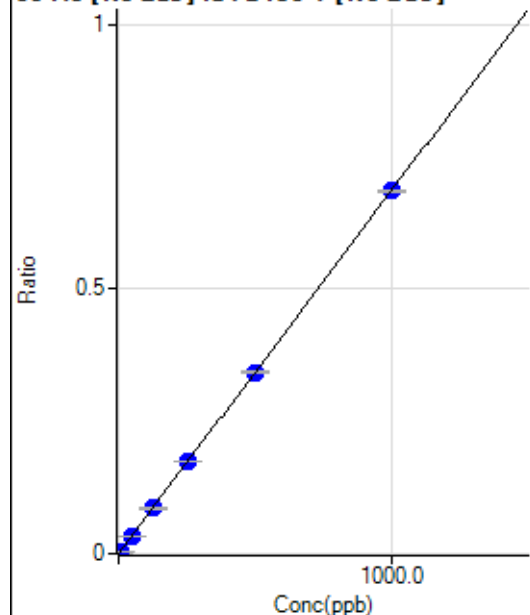
$$DL = 0.01996$$

$$BEC = 0.01453$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P    | 34.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.993      | 9837.10    | 0.0028 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.730     | 118107.50  | 0.0334 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 124.930    | 300024.80  | 0.0857 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 253.796    | 611248.62  | 0.1741 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.572    | 1225442.50 | 0.3427 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.342    | 2445725.16 | 0.6855 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 9536.96    | 0.0028 | P    | 10.3 |

$$y = 6.8592\text{E-}004 * x + 1.5520\text{E-}005$$

$$R = 1.0000$$

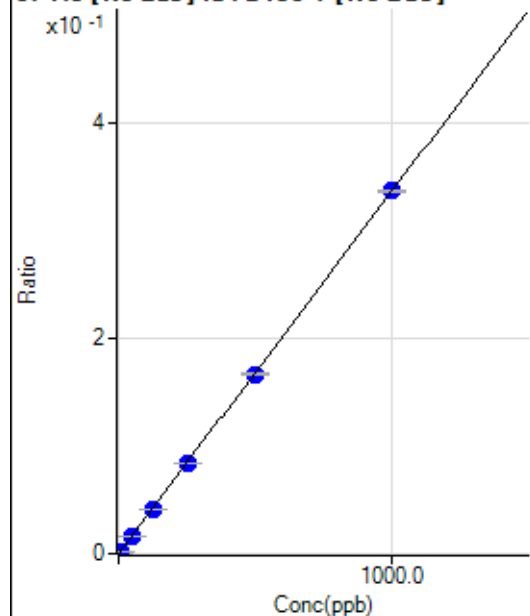
$$DL = 0.02354$$

$$BEC = 0.02263$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78      | 0.0000 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.629      | 5590.21    | 0.0016 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.019     | 58283.68   | 0.0165 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 122.392    | 144196.63  | 0.0412 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.180    | 295590.30  | 0.0842 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 495.701    | 596508.56  | 0.1668 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.481   | 1203544.19 | 0.3373 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 4345.30    | 0.0013 | P    | 15.6 |

$$y = 3.3649\text{E-}004 * x + 7.7594\text{E-}006$$

$$R = 1.0000$$

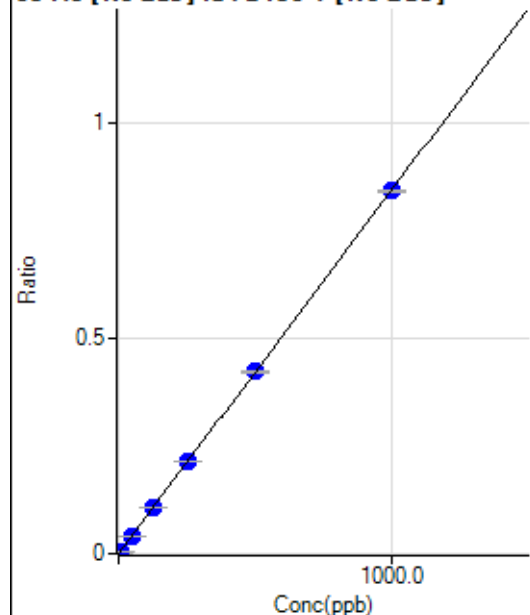
$$DL = 0.01204$$

$$BEC = 0.02306$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 47.23      | 0.0000 | P    | 20.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.738      | 14329.90   | 0.0040 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.446     | 147464.10  | 0.0418 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.207    | 372968.46  | 0.1066 | P    | 2.6  |
| 6 | <input type="checkbox"/> | 250.000  | 255.034    | 755896.26  | 0.2153 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.475    | 1510834.67 | 0.4225 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.382    | 3006936.96 | 0.8428 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 10471.00   | 0.0031 | P    | 12.7 |

$$y = 8.4415\text{E-}004 * x + 1.3191\text{E-}005$$

$$R = 1.0000$$

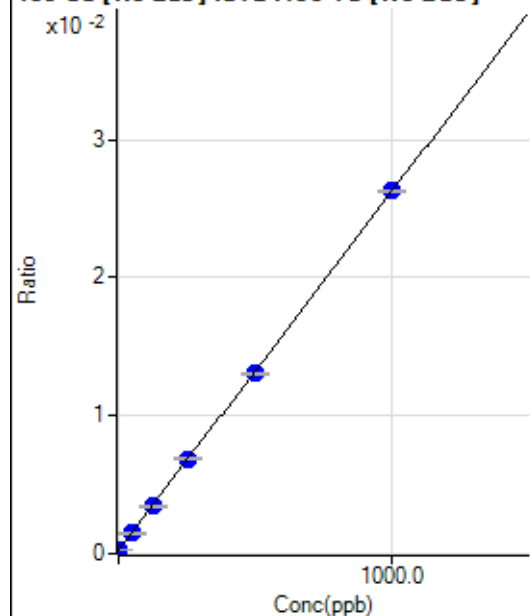
$$DL = 0.009533$$

$$BEC = 0.01563$$

Weight: &lt;None&gt;

Min Conc: 0

106 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      | 863.95   | 0.0003 | P    | 8.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.737      | 925.07   | 0.0003 | P    | 8.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.343     | 5001.09  | 0.0015 | P    | 8.8  |
| 5 | <input type="checkbox"/> | 125.000  | 122.381    | 11210.42 | 0.0034 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 255.636    | 22487.94 | 0.0069 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 492.129    | 43158.32 | 0.0130 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.937   | 85842.62 | 0.0263 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 841.73   | 0.0003 | P    | 10.3 |

$$y = 2.5955\text{E-}005 * x + 2.5995\text{E-}004$$

$$R = 0.9999$$

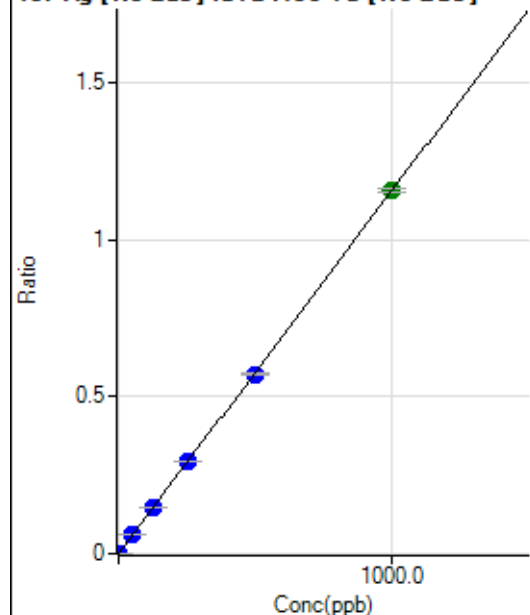
$$DL = 2.614$$

$$BEC = 10.02$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89      | 0.0000 | P   | 34.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.735      | 2825.41    | 0.0009 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.762     | 193478.12  | 0.0586 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.286    | 479167.91  | 0.1469 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 255.123    | 960318.28  | 0.2944 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 495.204    | 1892427.45 | 0.5715 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.794   | 3770948.05 | 1.1550 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 386.13     | 0.0001 | P   | 18.4 |

$$y = 0.0012 * x + 4.1793E-006$$

$$R = 1.0000$$

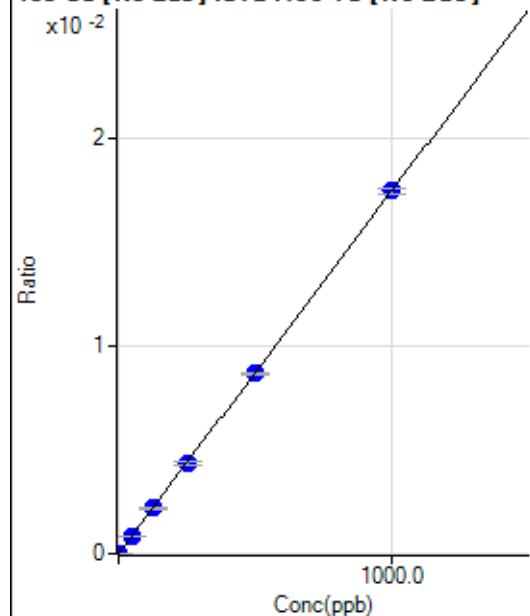
$$DL = 0.003766$$

$$BEC = 0.003621$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.78     | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.057      | 63.89    | 0.0000 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.648     | 2804.51  | 0.0008 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.023    | 7228.38  | 0.0022 | P   | 4.1  |
| 6 | <input type="checkbox"/> | 250.000  | 248.679    | 14146.20 | 0.0043 | P   | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 497.857    | 28755.78 | 0.0087 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.217   | 57014.13 | 0.0175 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 20.83    | 0.0000 | P   | 60.9 |

$$y = 1.7440E-005 * x + 8.3419E-007$$

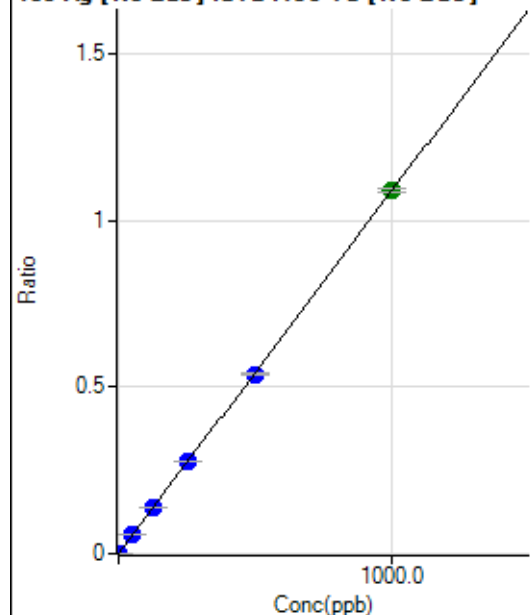
$$R = 1.0000$$

$$DL = 0.1243$$

$$BEC = 0.04783$$

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      | 16.67      | 0.0000 | P    | 99.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.780      | 2833.73    | 0.0009 | P    | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.816     | 182773.20  | 0.0553 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.527    | 452997.08  | 0.1389 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 255.038    | 905885.52  | 0.2777 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 494.993    | 1785045.31 | 0.5391 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.888   | 3558822.00 | 1.0900 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 344.46     | 0.0001 | P    | 8.5  |

$$y = 0.0011 * x + 5.0247E-006$$

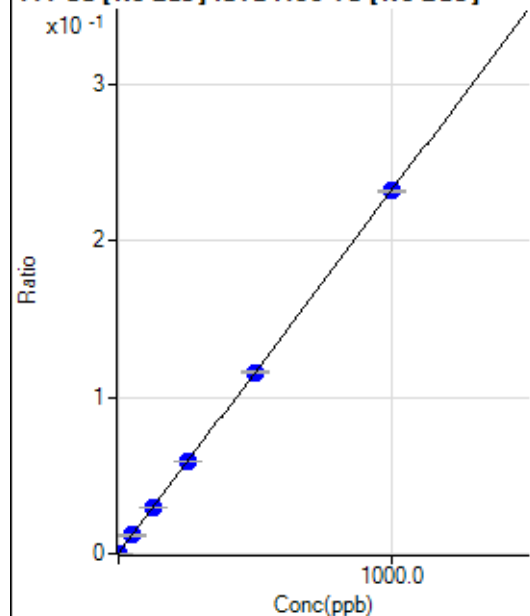
$$R = 1.0000$$

$$DL = 0.01382$$

$$BEC = 0.004614$$

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      | 604.21    | 0.0002 | P    | 8.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.945      | 1329.25   | 0.0004 | P    | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.735     | 38689.39  | 0.0117 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 126.129    | 95998.52  | 0.0294 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 254.567    | 193143.05 | 0.0592 | P    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 498.904    | 383731.75 | 0.1159 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.278    | 757255.61 | 0.2319 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 727.41    | 0.0002 | P    | 6.5 |

$$y = 2.3191E-004 * x + 1.8180E-004$$

$$R = 1.0000$$

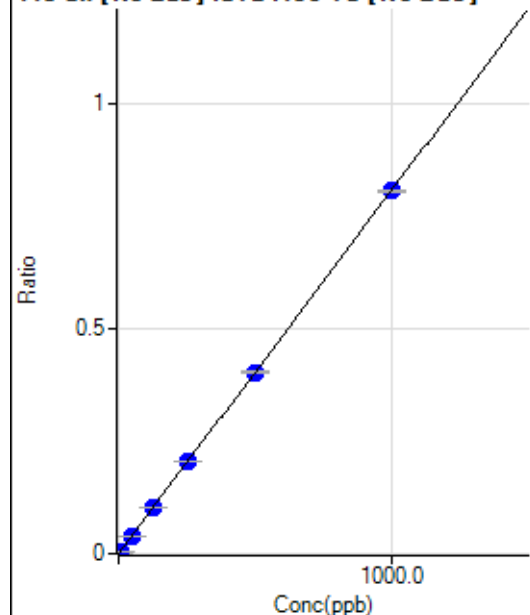
$$DL = 0.1958$$

$$BEC = 0.7839$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 186.12     | 0.0001 | P   | 14.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.660      | 12653.35   | 0.0038 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.180     | 131231.93  | 0.0397 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.707    | 331006.33  | 0.1015 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 254.147    | 669017.99  | 0.2051 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 499.835    | 1335677.04 | 0.4034 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.000    | 2632024.10 | 0.8061 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3700.64    | 0.0012 | P   | 6.7  |

$$y = 8.0688\text{E-}004 * x + 5.6008\text{E-}005$$

$$R = 1.0000$$

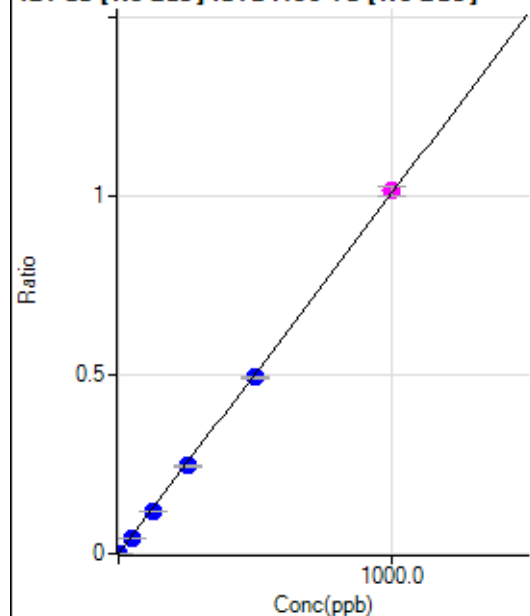
$$DL = 0.03017$$

$$BEC = 0.06941$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 61.11      | 0.0000 | P   | 20.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.860      | 6273.85    | 0.0019 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 40.833     | 135966.80  | 0.0412 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 117.138    | 385077.97  | 0.1181 | P   | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 243.881    | 801693.46  | 0.2458 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 490.526    | 1637060.49 | 0.4944 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.708   | 3315656.89 | 1.0156 | M   | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 13237.24   | 0.0042 | P   | 3.3  |

$$y = 0.0010 * x + 1.8385\text{E-}005$$

$$R = 0.9999$$

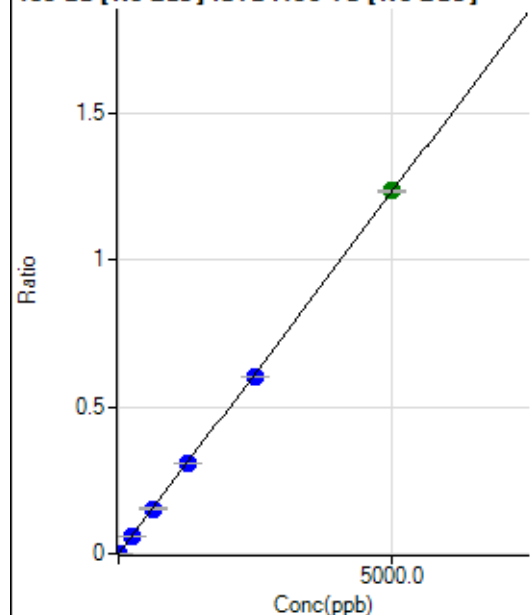
$$DL = 0.01133$$

$$BEC = 0.01824$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|------------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56       | 0.0000 | P    | 173.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |       |
| 3 | <input type="checkbox"/> | 10.000   | 9.354      | 7644.08    | 0.0023 | P    | 2.4   |
| 4 | <input type="checkbox"/> | 250.000  | 246.092    | 200150.75  | 0.0606 | P    | 1.3   |
| 5 | <input type="checkbox"/> | 625.000  | 623.410    | 500792.99  | 0.1535 | P    | 0.8   |
| 6 | <input type="checkbox"/> | 1250.000 | 1251.905   | 1005620.95 | 0.3083 | P    | 1.2   |
| 7 | <input type="checkbox"/> | 2500.000 | 2454.073   | 2001461.05 | 0.6044 | P    | 0.5   |
| 8 | <input type="checkbox"/> | 5000.000 | 5022.883   | 4039131.30 | 1.2371 | A    | 0.5   |
| 9 | <input type="checkbox"/> |          |            | 1319.56    | 0.0004 | P    | 1.4   |

$$y = 2.4629\text{E-}004 * x + 1.6722\text{E-}006$$

$$R = 0.9999$$

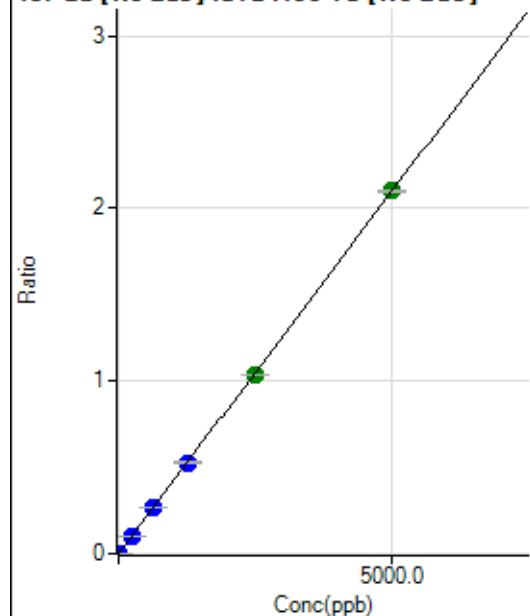
$$DL = 0.03528$$

$$BEC = 0.00679$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89      | 0.0000 | P    | 69.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.568      | 13306.88   | 0.0040 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 250.000  | 250.023    | 346009.47  | 0.1048 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 629.736    | 860732.71  | 0.2639 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.357   | 1712976.53 | 0.5252 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2469.048   | 3426163.66 | 1.0347 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5014.044   | 6860405.71 | 2.1011 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2105.81    | 0.0007 | P    | 2.9  |

$$y = 4.1905\text{E-}004 * x + 4.1877\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02093$$

$$BEC = 0.009993$$

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"/> |       |            | 0.00   |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 28.6 |
| 7 | <input type="checkbox"/> |       |            | 97.78  |       | P        | 33.6 |
| 8 | <input type="checkbox"/> |       |            | 160.01 |       | P        | 15.0 |
| 9 | <input type="checkbox"/> |       |            | 62.22  |       | P        | 27.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8  |
| 8 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 21.7  |
| 9 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.45 |       | P        | 24.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 57.3 |
| 6 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 12.4 |
| 7 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 87.7 |
| 8 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 41.7 |
| 9 | <input type="checkbox"/> |       |            | 72.23 |       | P        | 24.0 |

**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        | 0.0   |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 5 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114.6 |
| 6 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6  |
| 7 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 8 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 24.7  |
| 9 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 88.2  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 16.67 |       | P        | NaN  |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 78.1 |
| 5 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 19.45 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 89.2 |
| 9 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 58.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6  |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 6 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3  |
| 8 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 13.4  |
| 9 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 40.0  |

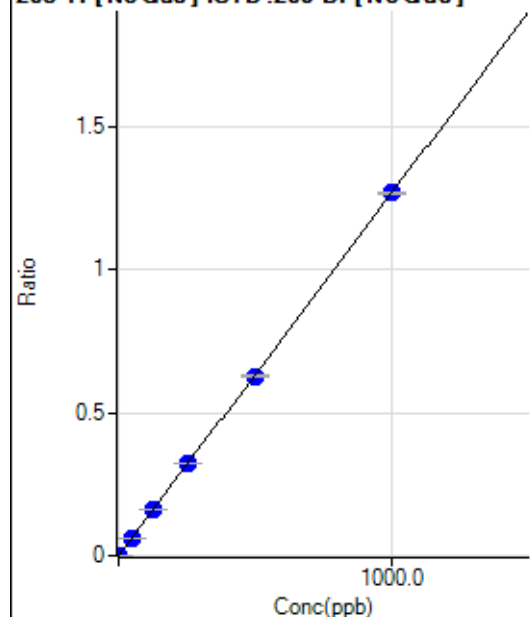
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 56.8 |
| 4 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6 |
| 5 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 34.7 |
| 6 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 66.7 |
| 7 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6 |
| 8 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 62.5 |
| 9 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |

**164 Er [ 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 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100.0 |
| 4 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 24.7  |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 6 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3  |
| 7 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 124.9 |
| 8 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5  |
| 9 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 88.8  |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11      | 0.0000 | P        | 43.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.962      | 2305.86    | 0.0012 | P        | 5.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.025     | 121094.79  | 0.0633 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 126.412    | 304472.91  | 0.1599 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.664    | 608834.22  | 0.3208 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 495.197    | 1199301.49 | 0.6262 | P        | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.308   | 2343220.80 | 1.2662 | P        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 947.30     | 0.0006 | P        | 15.3 |

$$y = 0.0013 * x + 6.1346E-006$$

$$R = 1.0000$$

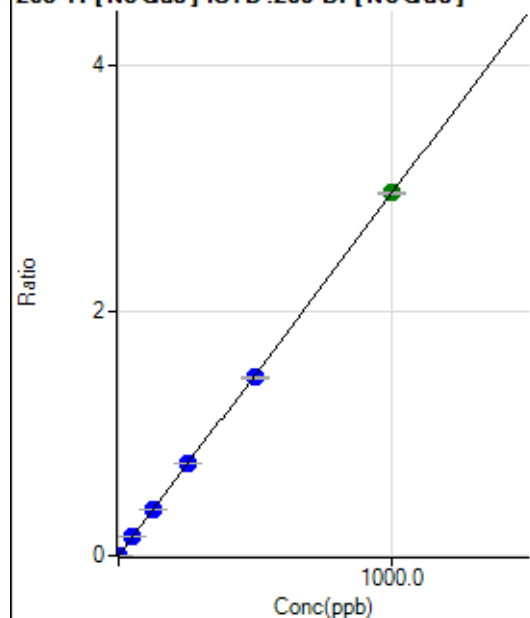
$$DL = 0.006336$$

$$BEC = 0.004851$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P        | 48.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.989      | 5568.08    | 0.0030 | P        | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.854     | 287733.16  | 0.1503 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 128.047    | 720810.53  | 0.3785 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 254.794    | 1429300.32 | 0.7531 | P        | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 492.784    | 2789404.21 | 1.4565 | P        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.986   | 5480286.41 | 2.9614 | A        | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 2411.43    | 0.0015 | P        | 16.0 |

$$y = 0.0030 * x + 3.0638E-005$$

$$R = 0.9999$$

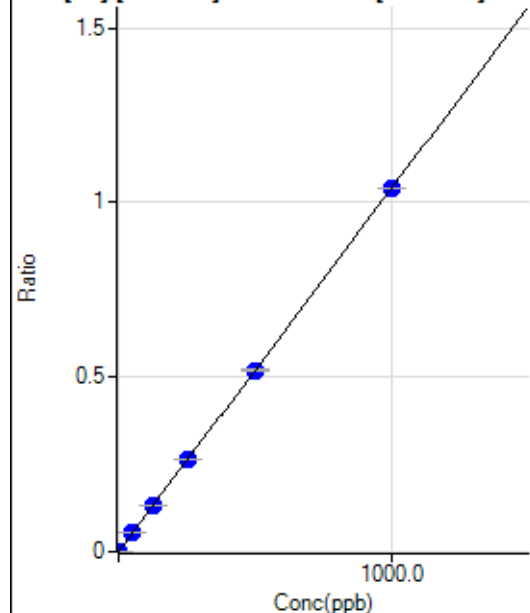
$$DL = 0.01494$$

$$BEC = 0.01037$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 218.53     | 0.0001 | P        | 22.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.006      | 2200.25    | 0.0012 | P        | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.308     | 100391.23  | 0.0525 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.714    | 253230.02  | 0.1330 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.049    | 499801.49  | 0.2633 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.168    | 996626.98  | 0.5204 | P        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.799    | 1922823.93 | 1.0390 | P        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 6546.24    | 0.0039 | P        | 2.6  |

$$y = 0.0010 * x + 1.2054E-004$$

$$R = 1.0000$$

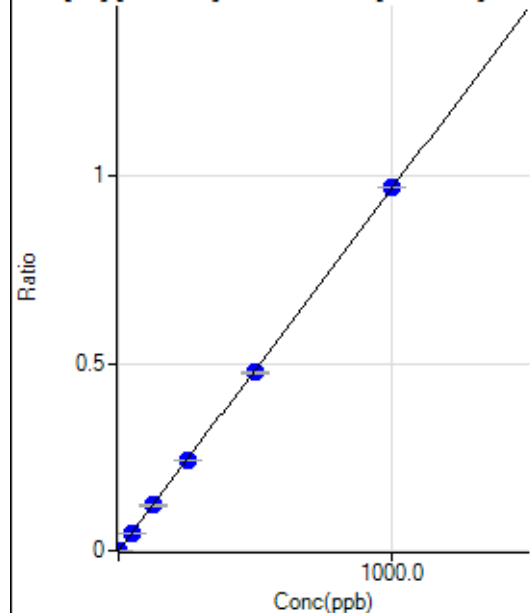
$$DL = 0.07828$$

$$BEC = 0.1159$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23     | 0.0001 | P        | 22.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.971      | 1944.65    | 0.0010 | P        | 9.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.841     | 92173.68   | 0.0482 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.075    | 229887.49  | 0.1207 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.132    | 459819.82  | 0.2423 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 492.815    | 910335.28  | 0.4753 | P        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.308   | 1790618.66 | 0.9676 | P        | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 5477.20    | 0.0033 | P        | 3.2  |

$$y = 9.6433E-004 * x + 9.5017E-005$$

$$R = 1.0000$$

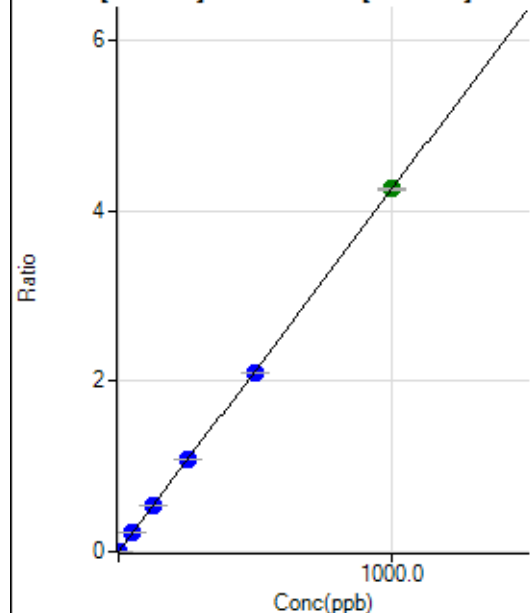
$$DL = 0.06622$$

$$BEC = 0.09853$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 785.22     | 0.0004 | P    | 16.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.981      | 8677.27    | 0.0046 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.595     | 412366.13  | 0.2154 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.223    | 1030528.87 | 0.5411 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 253.011    | 2041567.12 | 1.0757 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 494.263    | 4023581.90 | 2.1009 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.808   | 7879270.40 | 4.2578 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 25764.19   | 0.0155 | P    | 0.6  |

$$y = 0.0042 * x + 4.3314E-004$$

$$R = 1.0000$$

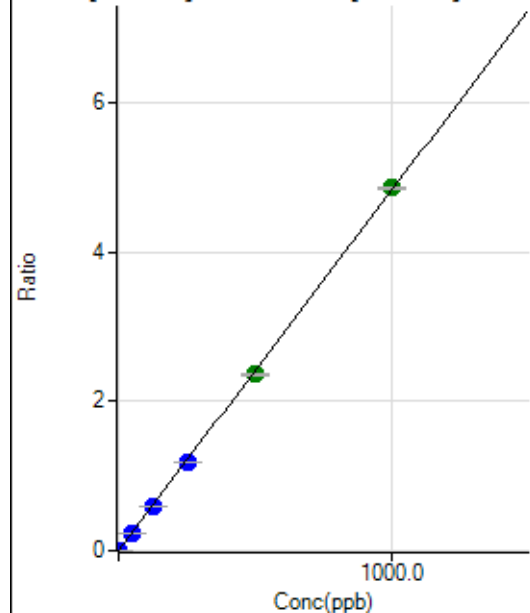
$$DL = 0.05087$$

$$BEC = 0.1019$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P    | 32.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.999      | 9103.59    | 0.0048 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.168     | 453748.36  | 0.2371 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.619    | 1135155.76 | 0.5960 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 245.193    | 2243703.59 | 1.1822 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 488.918    | 4514286.21 | 2.3572 | A    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.957   | 8984066.43 | 4.8548 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 683.38     | 0.0004 | P    | 7.1  |

$$y = 0.0048 * x + 1.3786E-005$$

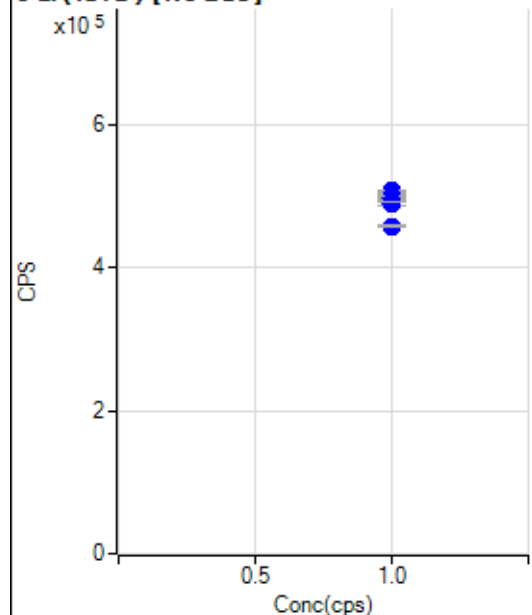
$$R = 0.9999$$

$$DL = 0.002824$$

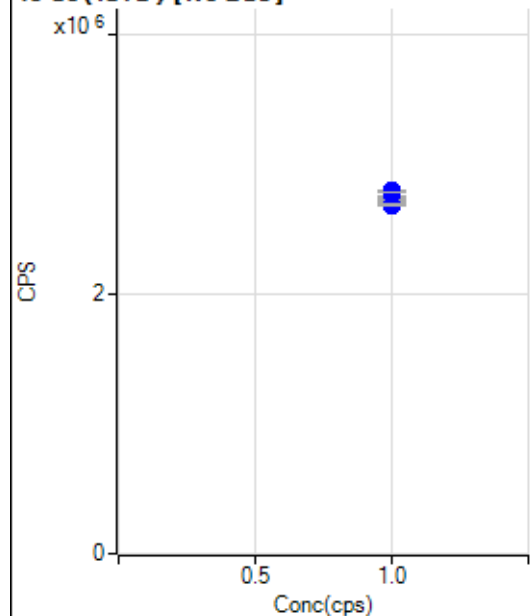
$$BEC = 0.002859$$

Weight: &lt;None&gt;

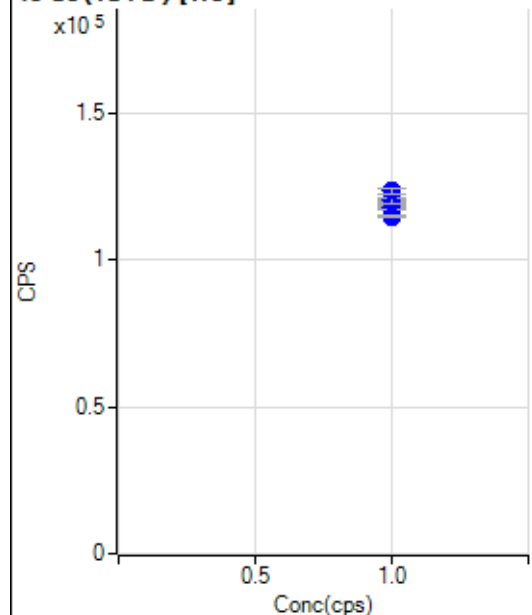
Min Conc: 0

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

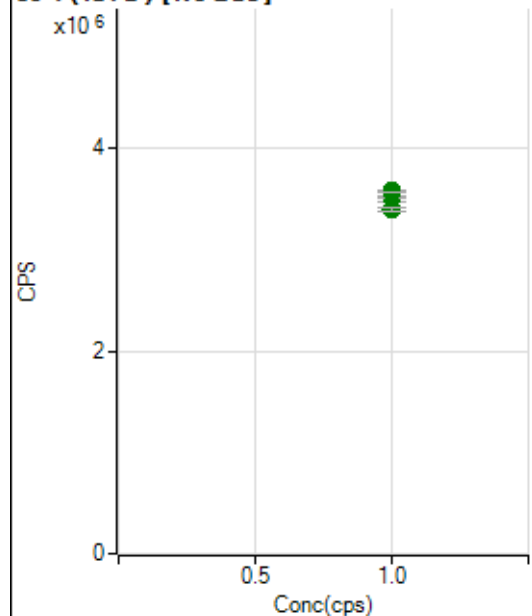
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 489306.50 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 503935.43 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 507230.20 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 500240.90 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 497320.44 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 498120.20 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 491556.33 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 458189.62 |       | P        | 0.4 |

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

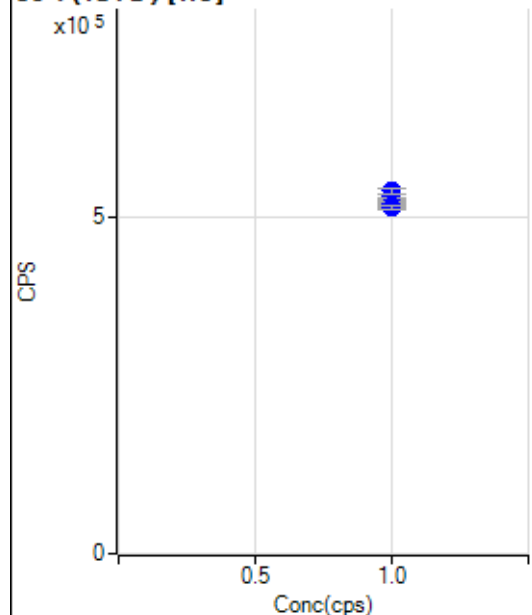
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2688144.89 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2736376.43 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2740282.66 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2717167.36 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2720356.50 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2790130.62 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2778416.69 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2680540.40 |       | P        | 0.4 |

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

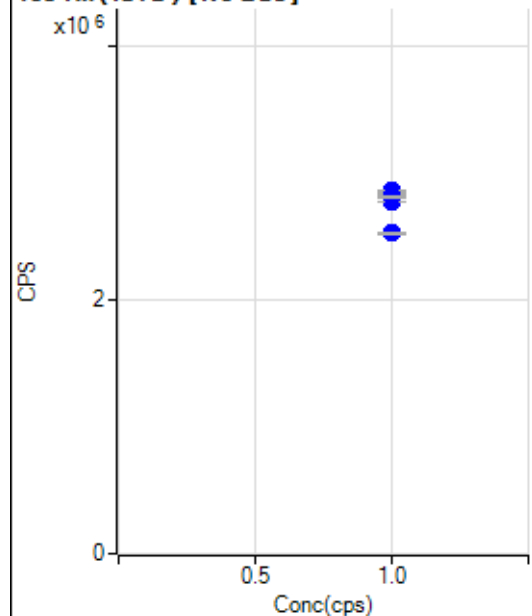
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 117612.81 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 119867.55 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 117653.45 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 117679.27 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 119994.19 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 120116.18 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 123466.64 |       | P        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 114826.04 |       | P        | 0.9 |

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

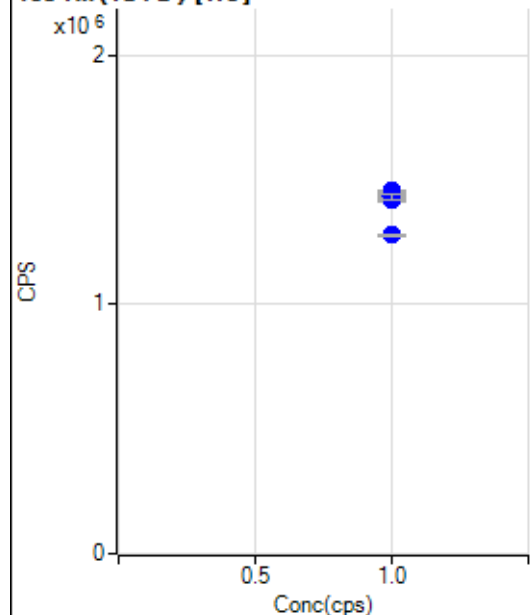
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3580042.10 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3571498.42 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3531855.30 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3501132.17 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3510948.00 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3576196.47 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3567869.98 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3393054.33 |       | A        | 1.3 |

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

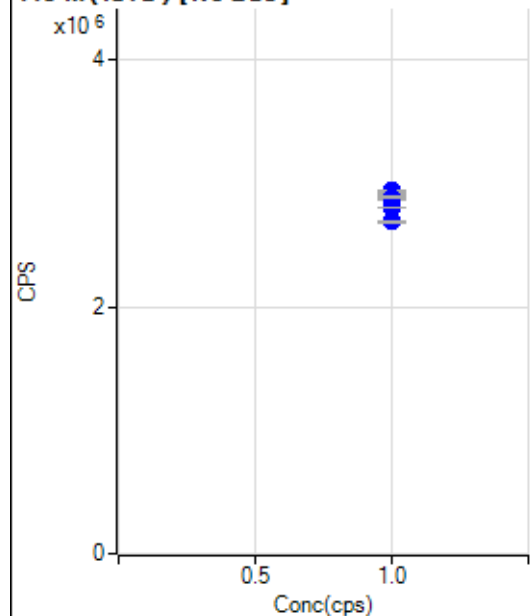
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 512873.03 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 524831.84 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 517596.10 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 519054.76 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 523793.16 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 530211.60 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 538235.44 |       | P        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 513809.35 |       | P        | 0.9 |

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

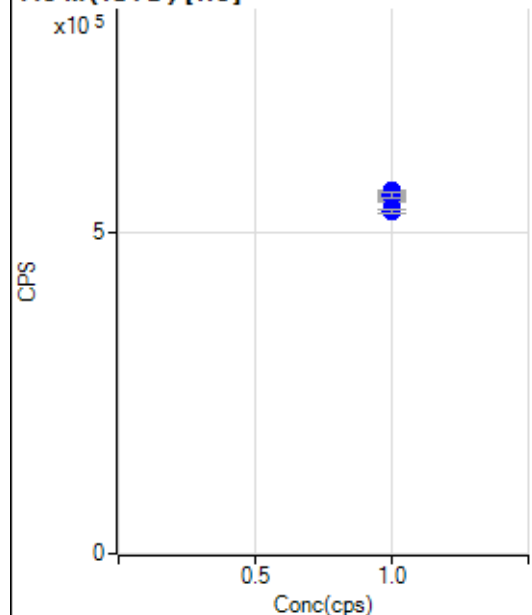
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2764945.98 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2846520.64 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2834272.44 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2823876.54 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2822316.62 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2855572.55 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2811685.76 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2525583.07 |       | P        | 0.5 |

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

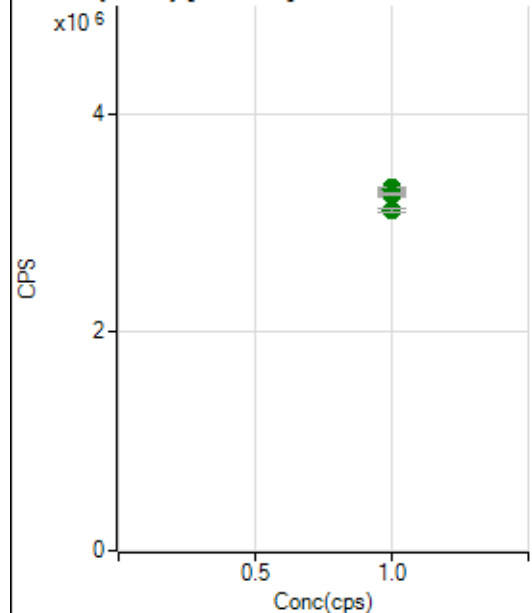
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1421828.68 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1456301.78 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1443793.61 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1431845.24 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1442655.95 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1440794.60 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1432114.70 |       | P        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1281021.60 |       | P        | 0.6 |

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

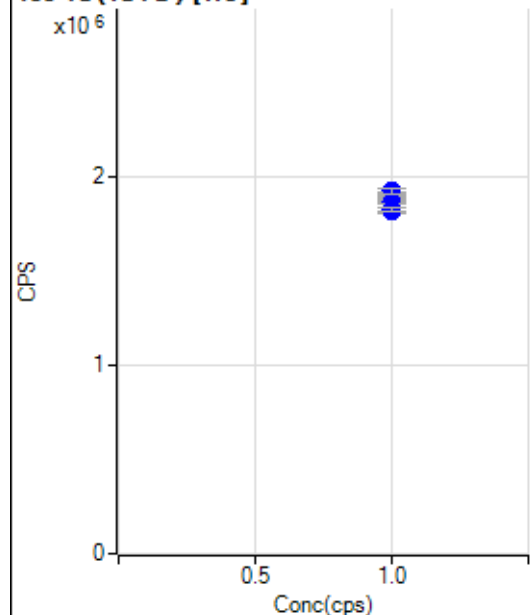
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2799831.65 |       | P        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2887601.52 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2898221.51 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2879225.64 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2900398.27 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2938943.95 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2889215.65 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2693290.98 |       | P        | 0.7 |

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

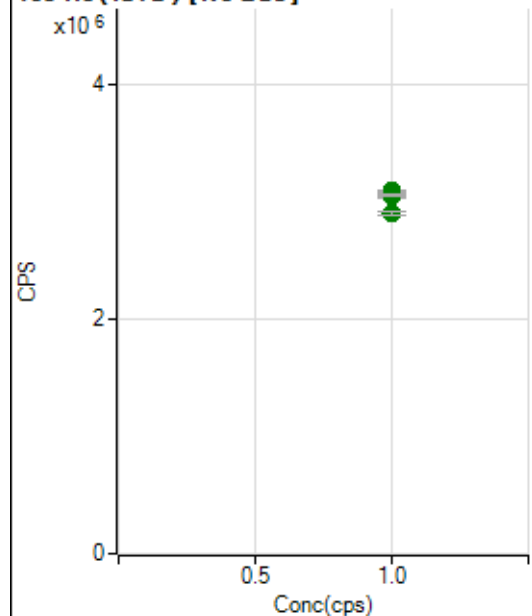
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 547710.91 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 563903.06 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 559428.69 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 555464.51 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 557617.56 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 559227.45 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 557392.53 |       | P        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 532323.28 |       | P        | 0.8 |

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

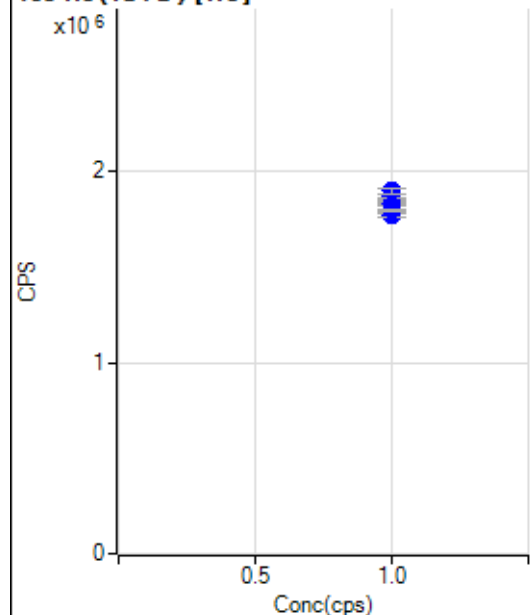
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3323455.37 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3315497.80 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3302423.04 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3261806.97 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3261789.88 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3311495.82 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3265126.44 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3115295.61 |       | A        | 1.1 |

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

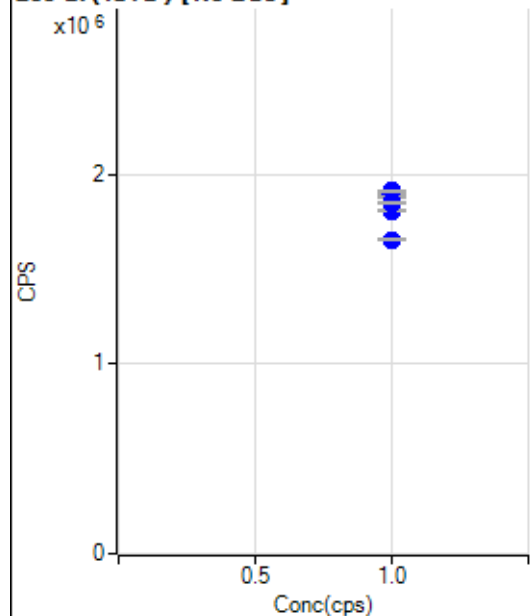
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1815758.12 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1869365.77 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1864727.33 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1871473.17 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1896960.06 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1913457.56 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1929174.88 |       | P        | 1.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1829864.02 |       | P        | 0.7 |

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

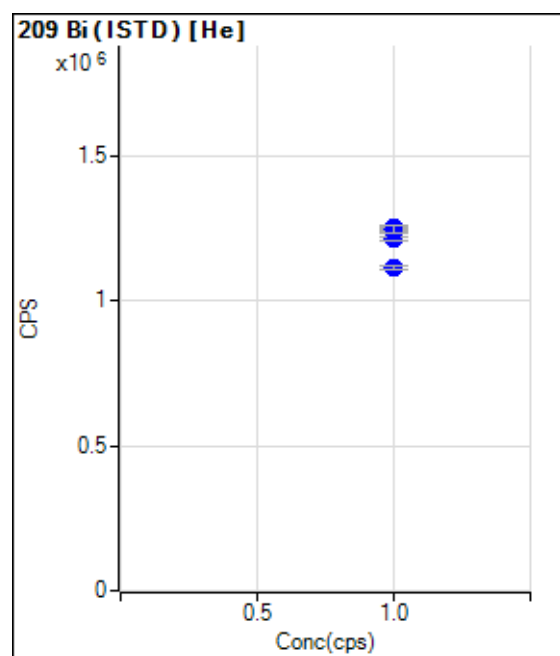
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3088695.84 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3078878.61 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3068096.55 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3045577.78 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3056957.73 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3083138.26 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3055445.38 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2904075.85 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1775698.81 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1826967.33 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1835708.90 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1835497.42 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1858915.22 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1875717.96 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1900775.01 |       | P        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1799267.58 |       | P        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1811978.78 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1885545.80 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1914018.67 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1904709.75 |       | P        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1898012.58 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1915245.65 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1850558.29 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1658503.97 |       | P        | 0.6 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1214260.95 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1250923.44 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1246825.85 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1238328.48 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1251241.15 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1248622.31 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1245859.92 |       | P        | 2.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1111927.68 |       | P        | 1.1 |

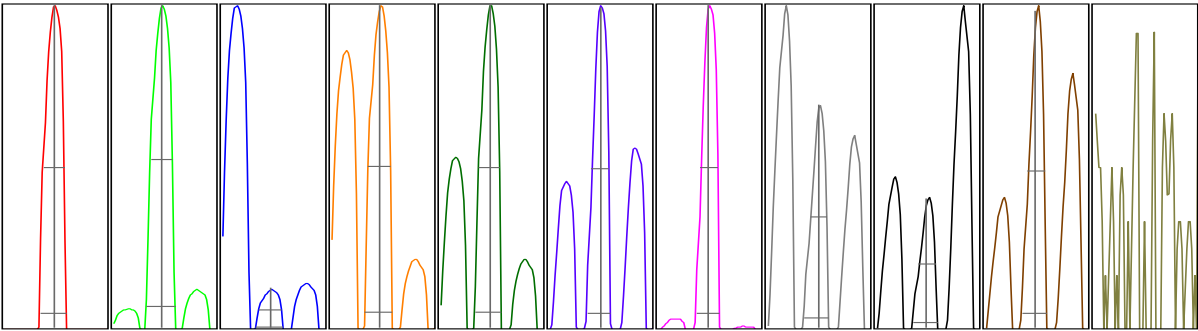
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7022217.b  
Report Comment  
Instrument Name G8403A JP14410463

| [No Gas] |         |                  |                    |                |
|----------|---------|------------------|--------------------|----------------|
| Mass     | Count   | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 38374   | 1.21             | 5.00               |                |
| 24       | 6303238 | 0.64             | 5.00               |                |
| 25       | 770757  | 1.55             | 5.00               |                |
| 26       | 884703  | 1.33             | 5.00               |                |
| 59       | 419589  | 1.71             | 5.00               |                |
| 113      | 75476   | 1.88             | 5.00               |                |
| 115      | 1271138 | 1.94             | 5.00               |                |
| 206      | 95071   | 2.25             | 5.00               |                |
| 207      | 80962   | 2.67             | 5.00               |                |
| 208      | 197128  | 2.31             | 5.00               |                |
| 220      | 2       | 31.04            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 37625                | 38314                | 38541                | 38516                | 38871                |
| 24   | 6240919              | 6303714              | 6298161              | 6324918              | 6348476              |
| 25   | 753730               | 767451               | 769654               | 777025               | 785924               |
| 26   | 868052               | 880842               | 885305               | 888985               | 900332               |
| 59   | 409719               | 415282               | 420747               | 424517               | 427680               |
| 113  | 73470                | 74862                | 75480                | 76432                | 77134                |
| 115  | 1237095              | 1256592              | 1276435              | 1285779              | 1299791              |
| 206  | 91890                | 94124                | 95705                | 96209                | 97428                |
| 207  | 77573                | 80332                | 81789                | 81818                | 83295                |
| 208  | 190749               | 195343               | 197463               | 198992               | 203094               |
| 220  | 2                    | 2                    | 2                    | 3                    | 3                    |

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    | 6569           | 9.00             | 8.9 - 9.1          |                | 0.783                | 0.900                  |                        |
| 24   | 1032483        | 23.95            | 23.9 - 24.1        |                | 0.843                | 0.900                  |                        |
| 25   | 126486         | 24.95            | 24.9 - 25.1        |                | 0.787                | 0.900                  |                        |
| 26   | 147003         | 25.95            | 25.9 - 26.1        |                | 0.786                | 0.900                  |                        |
| 59   | 73544          | 59.00            | 58.9 - 59.1        |                | 0.776                | 0.900                  |                        |
| 113  | 15018          | 113.05           | 112.9 - 113.1      |                | 0.690                | 0.900                  |                        |
| 115  | 255290         | 115.00           | 114.9 - 115.1      |                | 0.688                | 0.900                  |                        |
| 206  | 20034          | 206.05           | 205.9 - 206.1      |                | 0.724                | 0.900                  |                        |
| 207  | 17096          | 207.00           | 206.9 - 207.1      |                | 0.727                | 0.900                  |                        |
| 208  | 41693          | 208.00           | 207.9 - 208.1      |                | 0.732                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

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 |               |       |      |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     |               |       |      |
| Smpl Depth    | 10.0  | mm   | Nebulizer Pump | 0.10  | rps   |               |       |      |
| S/C Temp      | 2     | °C   |                |       |       |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 6.1   | V    |               |       |      |
| Extract 2     | -125.0 | V    | Cell Entrance | -30   | V    |               |       |      |
| Omega Bias    | -55    | V    | Cell Exit     | -50   | V    |               |       |      |
| Deflect       | 13.6   | V    |               |       |      |               |       |      |

## Cell Parameters ##

| ParameterName         | Value | Unit   | ParameterName | Value | Unit | ParameterName | Value | Unit |
|-----------------------|-------|--------|---------------|-------|------|---------------|-------|------|
| Use Gas               | false |        | OctP Bias     | -8.0  | V    |               |       |      |
| He Flow               | 0.0   | mL/min | OctP RF       | 160   | V    |               |       |      |
| Energy Discrimination | 5.0   | V      |               |       |      |               |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 115983          | 0.31             |                    |
| 89   | 6991            | 0.66             |                    |
| 205  | 93239           | 0.30             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 115702               | 115713               | 116389               | 115757               | 116357               |
| 89   | 7043                 | 7034                 | 6981                 | 6936                 | 6962                 |
| 205  | 93228                | 93645                | 92920                | 93042                | 93360                |

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 |               |       |      |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     |               |       |      |
| Smpl Depth    | 10.0  | mm   | Nebulizer Pump | 0.10  | rps   |               |       |      |
| S/C Temp      | 2     | °C   |                |       |       |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 7.3   | V    |               |       |      |
| Extract 2     | -155.0 | V    | Cell Entrance | -40   | V    |               |       |      |
| Omega Bias    | -70    | V    | Cell Exit     | -60   | V    |               |       |      |
| Deflect       | 2.4    | V    |               |       |      |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.07    | 0.07    | -0.14   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 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  | 0.05    | -0.03   | -0.03   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.06    | -0.10   | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.41   | -0.59   | 1.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.05   | 0.02    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | 0.08    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -2.35   | 1.15    | 1.21    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.37    | -0.93   | 0.57    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.09    | -0.37   | 0.27    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.01    | 0.02    | -0.03   | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.02    | 0.01    | -0.03   | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.07   | -0.24   | 0.31    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | -0.02   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 4.86    | -16.18  | -12.28  | -7.86      |         | ppb   |
| Potassium  | 39-2  | -3.15   | 4.32    | -1.17   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | -0.04   | 0.85    | -0.80   | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | -0.51   | 1.02    | -0.51   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.12    | 0.07    | -0.19   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.30   | -0.09   | 0.39    | 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  | -0.23   | 1.59    | -1.36   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.04    | -0.07   | 0.03    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 73.11   | 4.49    | -124.98 | -15.80     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.07    | -0.01   | -0.06   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 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  | -0.01   | -0.06   | 0.07    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.70   | 27.64   | 17.95   | 22.10      | 22.60   | ppb   |
| Antimony   | 121-1 | 1.80    | 1.92    | 1.85    | 1.86       | 3.28    | ppb   |
| Arsenic    | 75-2  | 0.90    | 0.84    | 1.10    | 0.95       | 14.30   | ppb   |
| Barium     | 135-1 | 9.50    | 9.10    | 9.47    | 9.35       | 2.38    | ppb   |
| Barium     | 137-1 | 9.33    | 9.74    | 9.64    | 9.57       | 2.23    | ppb   |
| Beryllium  | 9-1   | 0.98    | 0.97    | 0.86    | 0.94       | 6.85    | ppb   |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 26.87   | 26.76   | 23.69   | 25.77      | 7.02    | ppb   |
| Boron      | 11-1  | 23.06   | 24.17   | 24.21   | 23.81      | 2.75    | ppb   |
| Cadmium    | 106-1 | 0.42    | 1.75    | 0.03    | 0.74       | 122.39  | ppb   |
| Cadmium    | 108-1 | 1.03    | 1.11    | 1.03    | 1.06       | 4.33    | ppb   |
| Cadmium    | 111-1 | 1.02    | 0.89    | 0.93    | 0.94       | 6.71    | ppb   |
| Calcium    | 43-1  | 489.28  | 460.25  | 483.30  | 477.61     | 3.21    | ppb   |
| Calcium    | 44-1  | 478.64  | 477.13  | 471.37  | 475.71     | 0.81    | ppb   |
| Chromium   | 52-2  | 2.00    | 2.08    | 1.96    | 2.01       | 3.03    | ppb   |
| Cobalt     | 59-2  | 1.05    | 1.11    | 1.03    | 1.06       | 4.17    | ppb   |
| Copper     | 63-2  | 2.06    | 2.08    | 2.17    | 2.10       | 2.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 49.54   | 49.74   | 49.61   | 49.63      | 0.21    | ppb   |
| Iron       | 57-2  | 46.67   | 47.55   | 45.90   | 46.71      | 1.77    | ppb   |
| Lead       | 206-1 | 1.03    | 0.96    | 1.03    | 1.01       | 4.32    | ppb   |
| Lead       | 207-1 | 0.94    | 0.89    | 1.08    | 0.97       | 10.22   | ppb   |
| Lead       | 208-1 | 0.98    | 0.96    | 1.01    | 0.98       | 2.72    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 492.13  | 499.42  | 494.94  | 495.50     | 0.74    | ppb   |
| Manganese  | 55-2  | 0.98    | 0.91    | 1.05    | 0.98       | 6.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.02    | 1.83    | 2.01    | 1.95       | 5.36    | ppb   |
| Molybdenum | 95-1  | 4.63    | 4.69    | 4.61    | 4.64       | 0.95    | ppb   |
| Molybdenum | 96-1  | 3.99    | 4.08    | 3.92    | 3.99       | 1.98    | ppb   |
| Molybdenum | 97-1  | 4.57    | 4.67    | 4.65    | 4.63       | 1.22    | ppb   |
| Molybdenum | 98-1  | 4.74    | 4.80    | 4.68    | 4.74       | 1.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.92    | 1.14    | 0.90    | 0.99       | 13.25   | ppb   |
| Phosphorus | 31-2  | 20.21   | -8.58   | 11.96   | 7.86       | 188.52  | ppb   |
| Potassium  | 39-2  | 481.24  | 459.09  | 481.60  | 473.98     | 2.72    | ppb   |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 5.49    | 4.00    | 0.99    | 3.49       | 65.71   | ppb   |
| Selenium   | 78-2  | 4.24    | 3.00    | 4.97    | 4.07       | 24.46   | ppb   |
| Selenium   | 82-1  | 6.71    | 5.28    | 5.14    | 5.71       | 15.19   | ppb   |
| Silicon    | 28-1  | 4.82    | 6.15    | 4.89    | 5.29       | 14.12   | ppb   |
| Silver     | 107-1 | 0.72    | 0.74    | 0.74    | 0.73       | 1.51    | ppb   |
| Silver     | 109-1 | 0.73    | 0.81    | 0.80    | 0.78       | 5.57    | ppb   |
| Sodium     | 23-2  | 499.17  | 491.08  | 497.65  | 495.96     | 0.87    | ppb   |
| Strontium  | 86-1  | 0.91    | 0.88    | 1.02    | 0.94       | 7.81    | ppb   |
| Strontium  | 88-1  | 0.89    | 0.95    | 0.94    | 0.93       | 3.40    | ppb   |
| Sulfur     | 34-1  | -132.11 | 108.42  | 71.07   | 15.80      | 819.50  | ppb   |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.95    | 1.02    | 0.92    | 0.96       | 5.22    | ppb   |
| Thallium   | 205-1 | 0.96    | 1.01    | 0.99    | 0.99       | 2.61    | ppb   |
| Tin        | 118-1 | 4.82    | 4.52    | 4.64    | 4.66       | 3.29    | ppb   |
| Titanium   | 47-1  | 4.57    | 4.64    | 4.48    | 4.56       | 1.76    | ppb   |
| Uranium    | 238-1 | 0.96    | 1.04    | 1.00    | 1.00       | 3.99    | ppb   |
| Vanadium   | 51-2  | 4.85    | 4.74    | 4.80    | 4.80       | 1.13    | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 2.10    | 1.95    | 1.93    | 1.99       | 4.75    | ppb   |
| Zirconium  | 90-1  | 0.69    | 0.75    | 0.58    | 0.67       | 12.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.70    | 0.58    | 0.73    | 0.67       | 12.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 997.40  | 1009.59 | 1013.58 | 1006.86    | 0.84    | ppb   |
| Antimony   | 121-1 | 41.26   | 40.61   | 40.62   | 40.83      | 0.91    | ppb   |
| Arsenic    | 75-2  | 47.15   | 48.12   | 51.01   | 48.76      | 4.12    | ppb   |
| Barium     | 135-1 | 243.15  | 245.69  | 249.43  | 246.09     | 1.29    | ppb   |
| Barium     | 137-1 | 248.42  | 250.70  | 250.95  | 250.02     | 0.56    | ppb   |
| Beryllium  | 9-1   | 49.45   | 50.20   | 49.86   | 49.84      | 0.76    | ppb   |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 45.52   | 48.95   | 48.09   | 47.52      | 3.75    | ppb   |
| Boron      | 11-1  | 46.18   | 48.25   | 48.60   | 47.68      | 2.75    | ppb   |
| Cadmium    | 106-1 | 48.90   | 42.94   | 53.19   | 48.34      | 10.65   | ppb   |
| Cadmium    | 108-1 | 48.53   | 48.10   | 49.31   | 48.65      | 1.26    | ppb   |
| Cadmium    | 111-1 | 49.45   | 49.57   | 50.18   | 49.73      | 0.78    | ppb   |
| Calcium    | 43-1  | 4862.26 | 4818.34 | 4741.74 | 4807.45    | 1.27    | ppb   |
| Calcium    | 44-1  | 4887.80 | 4852.03 | 4841.23 | 4860.35    | 0.50    | ppb   |
| Chromium   | 52-2  | 52.21   | 52.20   | 51.74   | 52.05      | 0.52    | ppb   |
| Cobalt     | 59-2  | 52.54   | 53.26   | 52.79   | 52.87      | 0.69    | ppb   |
| Copper     | 63-2  | 108.78  | 108.05  | 108.69  | 108.51     | 0.37    | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 2524.23 | 2500.82 | 2513.10 | 2512.72    | 0.47    | ppb   |
| Iron       | 57-2  | 2471.15 | 2436.43 | 2450.06 | 2452.55    | 0.71    | ppb   |
| Lead       | 206-1 | 50.32   | 50.46   | 50.15   | 50.31      | 0.31    | ppb   |
| Lead       | 207-1 | 49.40   | 49.54   | 50.58   | 49.84      | 1.28    | ppb   |
| Lead       | 208-1 | 50.44   | 50.54   | 50.81   | 50.59      | 0.37    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 5064.10 | 5070.17 | 5107.12 | 5080.46    | 0.46    | ppb   |
| Manganese  | 55-2  | 105.39  | 103.28  | 102.89  | 103.85     | 1.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 50.52   | 49.73   | 48.83   | 49.69      | 1.71    | ppb   |
| Molybdenum | 95-1  | 50.37   | 48.30   | 49.09   | 49.25      | 2.12    | ppb   |
| Molybdenum | 96-1  | 49.00   | 48.78   | 48.41   | 48.73      | 0.61    | ppb   |
| Molybdenum | 97-1  | 49.41   | 48.41   | 49.24   | 49.02      | 1.10    | ppb   |
| Molybdenum | 98-1  | 49.58   | 49.53   | 49.22   | 49.45      | 0.40    | ppb   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.72   | 52.37   | 52.45   | 52.52      | 0.35    | ppb   |
| Phosphorus | 31-2  | 916.99  | 1028.91 | 978.46  | 974.79     | 5.75    | ppb   |
| Potassium  | 39-2  | 2451.97 | 2495.56 | 2460.49 | 2469.34    | 0.94    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 50.48   | 46.67   | 49.46   | 48.87      | 4.04    | ppb   |
| Selenium   | 77-2  | 46.64   | 42.35   | 44.90   | 44.63      | 4.83    | ppb   |
| Selenium   | 78-2  | 50.84   | 65.18   | 50.08   | 55.36      | 15.36   | ppb   |
| Silicon    | 28-1  | 52.70   | 51.56   | 50.01   | 51.42      | 2.62    | ppb   |
| Silver     | 107-1 | 50.87   | 50.75   | 50.67   | 50.76      | 0.20    | ppb   |
| Silver     | 109-1 | 50.62   | 51.14   | 50.68   | 50.82      | 0.56    | ppb   |
| Sodium     | 23-2  | 5125.38 | 5161.12 | 5141.23 | 5142.58    | 0.35    | ppb   |
| Strontium  | 86-1  | 48.89   | 48.60   | 48.91   | 48.80      | 0.36    | ppb   |
| Strontium  | 88-1  | 50.43   | 50.14   | 49.74   | 50.10      | 0.70    | ppb   |
| Sulfur     | 34-1  | 858.10  | 659.31  | 784.62  | 767.34     | 13.10   | ppb   |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 50.75   | 49.87   | 49.45   | 50.03      | 1.32    | ppb   |
| Thallium   | 205-1 | 50.60   | 50.74   | 51.22   | 50.85      | 0.64    | ppb   |
| Tin        | 118-1 | 48.96   | 49.25   | 49.33   | 49.18      | 0.40    | ppb   |
| Titanium   | 47-1  | 48.37   | 49.28   | 49.06   | 48.90      | 0.97    | ppb   |
| Uranium    | 238-1 | 49.01   | 48.93   | 49.57   | 49.17      | 0.71    | ppb   |
| Vanadium   | 51-2  | 50.66   | 51.31   | 50.85   | 50.94      | 0.66    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 106.48  | 105.74  | 106.86  | 106.36     | 0.54    | ppb   |
| Zirconium  | 90-1  | 49.35   | 48.39   | 48.43   | 48.72      | 1.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 47.72   | 49.36   | 48.62   | 48.57      | 1.69    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2571.21  | 2496.47  | 2540.95  | 2536.21    | 1.48    | ppb   |
| Antimony   | 121-1 | 119.22   | 117.84   | 114.36   | 117.14     | 2.14    | ppb   |
| Arsenic    | 75-2  | 122.95   | 122.56   | 123.78   | 123.10     | 0.51    | ppb   |
| Barium     | 135-1 | 628.23   | 624.03   | 617.96   | 623.41     | 0.83    | ppb   |
| Barium     | 137-1 | 636.88   | 627.90   | 624.44   | 629.74     | 1.02    | ppb   |
| Beryllium  | 9-1   | 126.07   | 125.54   | 126.27   | 125.96     | 0.30    | ppb   |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 113.35   | 124.51   | 121.57   | 119.81     | 4.83    | ppb   |
| Boron      | 11-1  | 119.76   | 123.15   | 122.80   | 121.90     | 1.53    | ppb   |
| Cadmium    | 106-1 | 119.68   | 121.58   | 125.88   | 122.38     | 2.60    | ppb   |
| Cadmium    | 108-1 | 131.45   | 121.20   | 128.42   | 127.02     | 4.15    | ppb   |
| Cadmium    | 111-1 | 126.91   | 126.65   | 124.83   | 126.13     | 0.90    | ppb   |
| Calcium    | 43-1  | 12186.51 | 12184.63 | 12140.57 | 12170.57   | 0.21    | ppb   |
| Calcium    | 44-1  | 12113.01 | 12042.30 | 11879.01 | 12011.44   | 1.00    | ppb   |
| Chromium   | 52-2  | 130.77   | 129.32   | 128.80   | 129.63     | 0.79    | ppb   |
| Cobalt     | 59-2  | 132.36   | 131.36   | 132.03   | 131.92     | 0.39    | ppb   |
| Copper     | 63-2  | 271.48   | 268.05   | 268.54   | 269.35     | 0.69    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 6106.92  | 6056.34  | 6015.63  | 6059.63    | 0.75    | ppb   |
| Iron       | 57-2  | 6128.92  | 6100.77  | 6028.79  | 6086.16    | 0.85    | ppb   |
| Lead       | 206-1 | 129.75   | 126.48   | 126.92   | 127.71     | 1.39    | ppb   |
| Lead       | 207-1 | 126.90   | 124.70   | 123.61   | 125.07     | 1.34    | ppb   |
| Lead       | 208-1 | 128.70   | 126.56   | 126.40   | 127.22     | 1.01    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 12747.35 | 12544.16 | 12449.15 | 12580.22   | 1.21    | ppb   |
| Manganese  | 55-2  | 260.33   | 256.24   | 259.05   | 258.54     | 0.81    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 127.49   | 126.17   | 125.20   | 126.29     | 0.91    | ppb   |
| Molybdenum | 95-1  | 126.75   | 124.17   | 124.12   | 125.01     | 1.20    | ppb   |
| Molybdenum | 96-1  | 127.85   | 124.09   | 122.86   | 124.93     | 2.08    | ppb   |
| Molybdenum | 97-1  | 124.44   | 122.56   | 120.18   | 122.39     | 1.75    | ppb   |
| Molybdenum | 98-1  | 129.86   | 125.30   | 123.46   | 126.21     | 2.61    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.76   | 132.51   | 129.52   | 131.26     | 1.19    | ppb   |
| Phosphorus | 31-2  | 2608.80  | 2402.50  | 2561.18  | 2524.16    | 4.28    | ppb   |
| Potassium  | 39-2  | 6248.66  | 6196.32  | 6215.66  | 6220.21    | 0.43    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 141.83   | 111.61   | 118.55   | 123.99     | 12.76   | ppb   |
| Selenium   | 78-2  | 125.69   | 120.11   | 130.46   | 125.42     | 4.13    | ppb   |
| Selenium   | 82-1  | 126.45   | 123.06   | 120.50   | 123.34     | 2.42    | ppb   |
| Silicon    | 28-1  | 128.95   | 127.89   | 123.28   | 126.71     | 2.38    | ppb   |
| Silver     | 107-1 | 126.98   | 126.88   | 128.00   | 127.29     | 0.49    | ppb   |
| Silver     | 109-1 | 129.06   | 126.73   | 126.78   | 127.53     | 1.04    | ppb   |
| Sodium     | 23-2  | 12940.48 | 12700.00 | 12604.00 | 12748.16   | 1.36    | ppb   |
| Strontium  | 86-1  | 126.18   | 124.53   | 123.05   | 124.58     | 1.25    | ppb   |
| Strontium  | 88-1  | 125.22   | 124.40   | 123.14   | 124.25     | 0.84    | ppb   |
| Sulfur     | 34-1  | 2108.72  | 2081.40  | 1908.77  | 2032.96    | 5.33    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 127.62   | 125.86   | 125.76   | 126.41     | 0.82    | ppb   |
| Thallium   | 205-1 | 129.80   | 127.56   | 126.78   | 128.05     | 1.22    | ppb   |
| Tin        | 118-1 | 127.07   | 126.17   | 123.88   | 125.71     | 1.31    | ppb   |
| Titanium   | 47-1  | 123.00   | 124.65   | 122.94   | 123.53     | 0.78    | ppb   |
| Uranium    | 238-1 | 124.68   | 122.95   | 123.23   | 123.62     | 0.75    | ppb   |
| Vanadium   | 51-2  | 127.81   | 127.70   | 126.13   | 127.21     | 0.74    | ppb   |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 262.13   | 261.41   | 264.00   | 262.51     | 0.51    | ppb   |
| Zirconium  | 90-1  | 126.61   | 125.56   | 125.05   | 125.74     | 0.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 128.18  | 126.66  | 124.76  | 126.53     | 1.35    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:20:12 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4907.69  | 4885.00  | 5013.59  | 4935.43    | 1.39    | ppb   |
| Antimony   | 121-1 | 247.53   | 241.50   | 242.62   | 243.88     | 1.31    | ppb   |
| Arsenic    | 75-2  | 247.68   | 248.11   | 246.92   | 247.57     | 0.24    | ppb   |
| Barium     | 135-1 | 1269.71  | 1242.67  | 1243.33  | 1251.91    | 1.23    | ppb   |
| Barium     | 137-1 | 1274.07  | 1250.44  | 1235.56  | 1253.36    | 1.55    | ppb   |
| Beryllium  | 9-1   | 249.47   | 254.17   | 252.69   | 252.11     | 0.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 248.15   | 246.38   | 252.62   | 249.05     | 1.29    | ppb   |
| Boron      | 11-1  | 242.45   | 242.95   | 250.50   | 245.30     | 1.84    | ppb   |
| Cadmium    | 106-1 | 258.19   | 259.17   | 249.55   | 255.64     | 2.07    | ppb   |
| Cadmium    | 108-1 | 256.23   | 246.55   | 243.26   | 248.68     | 2.71    | ppb   |
| Cadmium    | 111-1 | 257.65   | 253.70   | 252.35   | 254.57     | 1.08    | ppb   |
| Calcium    | 43-1  | 24725.32 | 24696.31 | 24398.77 | 24606.80   | 0.73    | ppb   |
| Calcium    | 44-1  | 24294.64 | 24248.85 | 24082.43 | 24208.64   | 0.46    | ppb   |
| Chromium   | 52-2  | 254.86   | 252.37   | 258.21   | 255.15     | 1.15    | ppb   |
| Cobalt     | 59-2  | 258.68   | 257.40   | 260.24   | 258.78     | 0.55    | ppb   |
| Copper     | 63-2  | 527.00   | 521.93   | 533.21   | 527.38     | 1.07    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 11888.45 | 11796.48 | 12006.07 | 11897.00   | 0.88    | ppb   |
| Iron       | 57-2  | 12070.79 | 11861.47 | 12031.66 | 11987.97   | 0.93    | ppb   |
| Lead       | 206-1 | 253.96   | 254.11   | 251.07   | 253.05     | 0.68    | ppb   |
| Lead       | 207-1 | 252.07   | 251.34   | 249.98   | 251.13     | 0.42    | ppb   |
| Lead       | 208-1 | 253.64   | 253.35   | 252.04   | 253.01     | 0.34    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 24304.61 | 23960.43 | 24431.70 | 24232.25   | 1.01    | ppb   |
| Manganese  | 55-2  | 512.10   | 506.94   | 514.89   | 511.31     | 0.79    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:20:12 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 252.82   | 251.62   | 253.00   | 252.48     | 0.30    | ppb   |
| Molybdenum | 95-1  | 255.85   | 254.15   | 251.58   | 253.86     | 0.85    | ppb   |
| Molybdenum | 96-1  | 255.19   | 252.83   | 253.37   | 253.80     | 0.49    | ppb   |
| Molybdenum | 97-1  | 250.13   | 250.65   | 249.76   | 250.18     | 0.18    | ppb   |
| Molybdenum | 98-1  | 256.59   | 255.26   | 253.25   | 255.03     | 0.66    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 255.80   | 252.67   | 260.59   | 256.35     | 1.56    | ppb   |
| Phosphorus | 31-2  | 5110.39  | 4959.17  | 5166.30  | 5078.62    | 2.11    | ppb   |
| Potassium  | 39-2  | 12172.79 | 12071.63 | 12357.81 | 12200.74   | 1.19    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 248.92   | 257.58   | 236.37   | 247.62     | 4.31    | ppb   |
| Selenium   | 78-2  | 245.67   | 243.32   | 255.32   | 248.10     | 2.56    | ppb   |
| Selenium   | 82-1  | 254.29   | 247.39   | 252.06   | 251.25     | 1.40    | ppb   |
| Silicon    | 28-1  | 255.95   | 254.62   | 254.24   | 254.94     | 0.35    | ppb   |
| Silver     | 109-1 | 257.88   | 254.73   | 252.50   | 255.04     | 1.06    | ppb   |
| Silver     | 107-1 | 256.97   | 254.78   | 253.62   | 255.12     | 0.67    | ppb   |
| Sodium     | 23-2  | 24882.22 | 24440.00 | 25165.19 | 24829.14   | 1.47    | ppb   |
| Strontium  | 86-1  | 251.19   | 249.09   | 250.12   | 250.14     | 0.42    | ppb   |
| Strontium  | 88-1  | 245.26   | 246.82   | 243.99   | 245.36     | 0.58    | ppb   |
| Sulfur     | 34-1  | 4729.59  | 4638.13  | 4365.09  | 4577.60    | 4.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 255.25   | 253.81   | 251.93   | 253.66     | 0.66    | ppb   |
| Thallium   | 205-1 | 256.43   | 255.53   | 252.41   | 254.79     | 0.83    | ppb   |
| Tin        | 118-1 | 257.16   | 252.78   | 252.50   | 254.15     | 1.03    | ppb   |
| Titanium   | 47-1  | 254.39   | 253.45   | 251.79   | 253.21     | 0.52    | ppb   |
| Uranium    | 238-1 | 245.87   | 245.81   | 243.90   | 245.19     | 0.46    | ppb   |
| Vanadium   | 51-2  | 252.59   | 247.84   | 253.56   | 251.33     | 1.22    | ppb   |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 513.65   | 511.02   | 522.15   | 515.61     | 1.13    | ppb   |
| Zirconium  | 90-1  | 252.06   | 249.46   | 250.18   | 250.57     | 0.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:20:12 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 255.33  | 253.16  | 255.18  | 254.56     | 0.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9695.21  | 10005.12 | 9763.78  | 9821.37    | 1.66    | ppb   |
| Antimony   | 121-1 | 494.68   | 486.68   | 490.21   | 490.53     | 0.82    | ppb   |
| Arsenic    | 75-2  | 497.11   | 503.71   | 496.84   | 499.22     | 0.78    | ppb   |
| Barium     | 135-1 | 2458.89  | 2439.99  | 2463.33  | 2454.07    | 0.51    | ppb   |
| Barium     | 137-1 | 2489.64  | 2455.57  | 2461.93  | 2469.05    | 0.73    | ppb   |
| Beryllium  | 9-1   | 507.09   | 498.20   | 493.27   | 499.52     | 1.40    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 494.88   | 497.04   | 484.90   | 492.27     | 1.32    | ppb   |
| Boron      | 11-1  | 484.87   | 494.27   | 497.89   | 492.34     | 1.36    | ppb   |
| Cadmium    | 106-1 | 491.61   | 483.95   | 500.83   | 492.13     | 1.72    | ppb   |
| Cadmium    | 108-1 | 494.51   | 496.39   | 502.67   | 497.86     | 0.86    | ppb   |
| Cadmium    | 111-1 | 502.02   | 494.55   | 500.15   | 498.90     | 0.78    | ppb   |
| Calcium    | 43-1  | 48575.34 | 48268.22 | 48261.09 | 48368.22   | 0.37    | ppb   |
| Calcium    | 44-1  | 47553.25 | 47639.16 | 47465.16 | 47552.52   | 0.18    | ppb   |
| Chromium   | 52-2  | 498.15   | 518.17   | 507.33   | 507.88     | 1.97    | ppb   |
| Cobalt     | 59-2  | 506.83   | 526.90   | 513.90   | 515.88     | 1.97    | ppb   |
| Copper     | 63-2  | 1019.13  | 1053.73  | 1036.03  | 1036.30    | 1.67    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 23294.26 | 24096.83 | 23464.23 | 23618.44   | 1.79    | ppb   |
| Iron       | 57-2  | 23684.02 | 24685.78 | 24015.37 | 24128.39   | 2.12    | ppb   |
| Lead       | 206-1 | 503.17   | 500.39   | 496.94   | 500.17     | 0.62    | ppb   |
| Lead       | 207-1 | 497.53   | 489.73   | 491.19   | 492.82     | 0.84    | ppb   |
| Lead       | 208-1 | 498.42   | 492.07   | 492.30   | 494.26     | 0.73    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 48468.30 | 49755.92 | 48573.12 | 48932.45   | 1.46    | ppb   |
| Manganese  | 55-2  | 1002.47  | 1036.56  | 1017.11  | 1018.71    | 1.68    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 497.44   | 499.15   | 494.21   | 496.93     | 0.50    | ppb   |
| Molybdenum | 95-1  | 504.86   | 505.97   | 497.11   | 502.65     | 0.96    | ppb   |
| Molybdenum | 96-1  | 500.53   | 504.09   | 494.10   | 499.57     | 1.01    | ppb   |
| Molybdenum | 97-1  | 497.21   | 499.04   | 490.85   | 495.70     | 0.87    | ppb   |
| Molybdenum | 98-1  | 502.60   | 503.47   | 495.36   | 500.47     | 0.89    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 502.61   | 518.91   | 507.27   | 509.59     | 1.65    | ppb   |
| Phosphorus | 31-2  | 9765.98  | 9941.82  | 10043.32 | 9917.04    | 1.41    | ppb   |
| Potassium  | 39-2  | 24033.71 | 24653.34 | 24318.72 | 24335.26   | 1.27    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 466.01   | 468.42   | 546.06   | 493.49     | 9.23    | ppb   |
| Selenium   | 78-2  | 507.71   | 516.87   | 490.48   | 505.02     | 2.65    | ppb   |
| Selenium   | 82-1  | 499.33   | 500.14   | 491.03   | 496.84     | 1.02    | ppb   |
| Silicon    | 28-1  | 515.09   | 515.39   | 513.45   | 514.64     | 0.20    | ppb   |
| Silver     | 109-1 | 499.15   | 491.14   | 494.69   | 494.99     | 0.81    | ppb   |
| Silver     | 107-1 | 498.06   | 490.05   | 497.50   | 495.20     | 0.90    | ppb   |
| Sodium     | 23-2  | 49110.37 | 50387.16 | 49236.01 | 49577.85   | 1.42    | ppb   |
| Strontium  | 86-1  | 498.80   | 499.39   | 492.91   | 497.04     | 0.72    | ppb   |
| Strontium  | 88-1  | 492.39   | 499.31   | 489.75   | 493.82     | 1.00    | ppb   |
| Sulfur     | 34-1  | 9531.19  | 9664.40  | 9299.73  | 9498.44    | 1.94    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 501.20   | 492.21   | 492.18   | 495.20     | 1.05    | ppb   |
| Thallium   | 205-1 | 494.59   | 494.71   | 489.05   | 492.78     | 0.66    | ppb   |
| Tin        | 118-1 | 504.51   | 494.94   | 500.06   | 499.84     | 0.96    | ppb   |
| Titanium   | 47-1  | 492.19   | 494.05   | 492.29   | 492.84     | 0.21    | ppb   |
| Uranium    | 238-1 | 494.66   | 491.90   | 480.19   | 488.92     | 1.57    | ppb   |
| Vanadium   | 51-2  | 497.70   | 514.29   | 503.35   | 505.11     | 1.67    | ppb   |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 1009.60  | 1038.50  | 1021.54  | 1023.21    | 1.42    | ppb   |
| Zirconium  | 90-1  | 483.31   | 498.20   | 480.54   | 487.35     | 1.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 502.34  | 498.58  | 499.66  | 500.20     | 0.39    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:27:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19493.43 | 19277.83 | 18999.06 | 19256.77   | 1.29    | ppb   |
| Antimony   | 121-1 | 1028.78  | 982.11   | 1012.24  | 1007.71    | 2.35    | ppb   |
| Arsenic    | 75-2  | 1001.65  | 1014.43  | 987.82   | 1001.30    | 1.33    | ppb   |
| Barium     | 135-1 | 5048.87  | 5006.02  | 5013.76  | 5022.88    | 0.45    | ppb   |
| Barium     | 137-1 | 5061.84  | 5005.16  | 4975.13  | 5014.04    | 0.88    | ppb   |
| Beryllium  | 9-1   | 994.43   | 999.19   | 1005.18  | 999.60     | 0.54    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 992.86   | 991.48   | 1030.22  | 1004.86    | 2.19    | ppb   |
| Boron      | 11-1  | 984.87   | 1005.12  | 1026.62  | 1005.54    | 2.08    | ppb   |
| Cadmium    | 106-1 | 1010.23  | 997.38   | 1001.21  | 1002.94    | 0.66    | ppb   |
| Cadmium    | 108-1 | 1018.52  | 996.10   | 989.03   | 1001.22    | 1.54    | ppb   |
| Cadmium    | 111-1 | 1000.12  | 996.44   | 1001.27  | 999.28     | 0.25    | ppb   |
| Calcium    | 43-1  | 97382.21 | 97678.05 | 97288.42 | 97449.56   | 0.21    | ppb   |
| Calcium    | 44-1  | 97181.56 | 96892.61 | 96177.79 | 96750.65   | 0.53    | ppb   |
| Chromium   | 52-2  | 1004.11  | 996.25   | 981.92   | 994.09     | 1.13    | ppb   |
| Cobalt     | 59-2  | 998.54   | 989.88   | 978.16   | 988.86     | 1.03    | ppb   |
| Copper     | 63-2  | 1985.62  | 1975.49  | 1955.38  | 1972.16    | 0.78    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 46656.75 | 46458.98 | 45667.93 | 46261.22   | 1.13    | ppb   |
| Iron       | 57-2  | 46955.85 | 46938.09 | 46192.74 | 46695.56   | 0.93    | ppb   |
| Lead       | 206-1 | 997.01   | 999.93   | 999.45   | 998.80     | 0.16    | ppb   |
| Lead       | 207-1 | 1003.64  | 1003.60  | 1002.68  | 1003.31    | 0.05    | ppb   |
| Lead       | 208-1 | 1006.57  | 1000.92  | 997.94   | 1001.81    | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 97549.90 | 96047.11 | 94855.17 | 96150.73   | 1.40    | ppb   |
| Manganese  | 55-2  | 2003.65  | 1985.15  | 1970.87  | 1986.56    | 0.83    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:27:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1006.11  | 1003.52  | 992.73   | 1000.78    | 0.71    | ppb   |
| Molybdenum | 95-1  | 1002.56  | 996.32   | 994.37   | 997.75     | 0.43    | ppb   |
| Molybdenum | 96-1  | 1000.76  | 1000.09  | 997.18   | 999.34     | 0.19    | ppb   |
| Molybdenum | 97-1  | 1009.44  | 999.00   | 999.00   | 1002.48    | 0.60    | ppb   |
| Molybdenum | 98-1  | 1004.33  | 993.87   | 996.95   | 998.38     | 0.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1003.36  | 992.66   | 982.10   | 992.71     | 1.07    | ppb   |
| Phosphorus | 31-2  | 20350.64 | 19869.02 | 19840.53 | 20020.07   | 1.43    | ppb   |
| Potassium  | 39-2  | 48434.31 | 48024.57 | 47136.91 | 47865.26   | 1.39    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 997.87   | 988.02   | 1026.85  | 1004.25    | 2.01    | ppb   |
| Selenium   | 78-2  | 1030.83  | 993.12   | 969.00   | 997.65     | 3.12    | ppb   |
| Selenium   | 82-1  | 1003.26  | 1000.64  | 1000.69  | 1001.53    | 0.15    | ppb   |
| Silicon    | 28-1  | 991.80   | 993.75   | 988.07   | 991.21     | 0.29    | ppb   |
| Silver     | 107-1 | 1006.38  | 990.11   | 1005.89  | 1000.79    | 0.93    | ppb   |
| Silver     | 109-1 | 1008.96  | 990.61   | 1003.09  | 1000.89    | 0.94    | ppb   |
| Sodium     | 23-2  | 98189.46 | 97778.01 | 97074.90 | 97680.79   | 0.58    | ppb   |
| Strontium  | 86-1  | 1005.20  | 1006.96  | 992.52   | 1001.56    | 0.79    | ppb   |
| Strontium  | 88-1  | 1010.89  | 1010.32  | 991.81   | 1004.34    | 1.08    | ppb   |
| Sulfur     | 34-1  | 20503.28 | 20528.50 | 20247.40 | 20426.39   | 0.76    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 1006.38  | 1005.20  | 992.35   | 1001.31    | 0.78    | ppb   |
| Thallium   | 205-1 | 999.08   | 1005.86  | 1001.02  | 1001.99    | 0.35    | ppb   |
| Tin        | 118-1 | 1002.10  | 990.06   | 1004.85  | 999.00     | 0.79    | ppb   |
| Titanium   | 47-1  | 1005.42  | 999.03   | 1004.60  | 1003.02    | 0.35    | ppb   |
| Uranium    | 238-1 | 1013.11  | 1007.48  | 1000.28  | 1006.96    | 0.64    | ppb   |
| Vanadium   | 51-2  | 1004.76  | 999.10   | 986.51   | 996.79     | 0.94    | ppb   |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 1988.34  | 1992.94  | 1966.56  | 1982.61    | 0.71    | ppb   |
| Zirconium  | 90-1  | 1006.43  | 1008.17  | 1003.87  | 1006.15    | 0.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:27:48 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1001.32 | 996.62  | 997.99  | 998.64     | 0.24    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100108.11 | 101006.57 | 99391.61  | 100168.76  | 0.81    | ppb   |
| Antimony   | 121-1 | 4.06      | 4.20      | 4.33      | 4.20       | 3.28    | ppb   |
| Arsenic    | 75-2  | 1.46      | 1.14      | 1.79      | 1.46       | 22.14   | ppb   |
| Barium     | 135-1 | 1.73      | 1.69      | 1.72      | 1.71       | 1.43    | ppb   |
| Barium     | 137-1 | 1.65      | 1.60      | 1.56      | 1.60       | 2.93    | ppb   |
| Beryllium  | 9-1   | 0.30      | 0.25      | 0.20      | 0.25       | 19.03   | ppb   |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 43.27     | 37.90     | 29.60     | 36.92      | 18.65   | ppb   |
| Boron      | 11-1  | 40.24     | 36.76     | 32.05     | 36.35      | 11.31   | ppb   |
| Cadmium    | 111-1 | 0.17      | 0.30      | 0.20      | 0.22       | 29.26   | ppb   |
| Cadmium    | 106-1 | 0.22      | 1.54      | -0.58     | 0.39       | 273.23  | ppb   |
| Cadmium    | 108-1 | 0.57      | 0.33      | 0.10      | 0.34       | 69.60   | ppb   |
| Calcium    | 43-1  | 504744.55 | 495287.75 | 502077.03 | 500703.11  | 0.97    | ppb   |
| Calcium    | 44-1  | 503630.94 | 497516.71 | 501695.81 | 500947.82  | 0.62    | ppb   |
| Chromium   | 52-2  | 7.68      | 7.02      | 7.39      | 7.36       | 4.47    | ppb   |
| Cobalt     | 59-2  | 0.69      | 0.73      | 0.74      | 0.72       | 4.16    | ppb   |
| Copper     | 63-2  | 3.13      | 3.06      | 3.07      | 3.09       | 1.29    | ppb   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 94         |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 251308.44 | 252135.32 | 249318.33 | 250920.69  | 0.58    | ppb   |
| Iron       | 57-2  | 251701.70 | 251420.81 | 249212.15 | 250778.22  | 0.54    | ppb   |
| Lead       | 206-1 | 3.58      | 3.78      | 3.68      | 3.68       | 2.73    | ppb   |
| Lead       | 207-1 | 3.41      | 3.20      | 3.37      | 3.33       | 3.34    | ppb   |
| Lead       | 208-1 | 3.58      | 3.55      | 3.53      | 3.55       | 0.67    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 502576.44 | 501959.16 | 498200.97 | 500912.19  | 0.47    | ppb   |
| Manganese  | 55-2  | 7.23      | 7.33      | 7.10      | 7.22       | 1.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD   | Units |
|------------|-------|-----------|-----------|-----------|------------|-----------|-------|
| Molybdenum | 94-1  | 1.11      | 1.30      | 1.54      | 1.32       | 16.26     | ppb   |
| Molybdenum | 95-1  | 3.19      | 3.70      | 3.98      | 3.62       | 11.02     | ppb   |
| Molybdenum | 96-1  | 3.63      | 4.11      | 4.47      | 4.07       | 10.34     | ppb   |
| Molybdenum | 97-1  | 3.18      | 3.79      | 4.37      | 3.78       | 15.73     | ppb   |
| Molybdenum | 98-1  | 3.29      | 3.47      | 4.17      | 3.64       | 12.76     | ppb   |
| Neodymium  | 150-1 |           |           |           |            |           | cps   |
| Neodymium  | 150-2 |           |           |           |            |           | cps   |
| Nickel     | 60-2  | 4.14      | 4.33      | 4.13      | 4.20       | 2.67      | ppb   |
| Phosphorus | 31-2  | -11.38    | -11.52    | 0.82      | -7.36      |           | ppb   |
| Potassium  | 39-2  | 249586.50 | 251539.13 | 250402.83 | 250509.49  | 0.39      | ppb   |
| Rhodium    | 103-2 |           |           |           | 90         |           | %     |
| Rhodium    | 103-1 |           |           |           | 91         |           | %     |
| Scandium   | 45-2  |           |           |           | 98         |           | %     |
| Scandium   | 45-1  |           |           |           | 100        |           | %     |
| Selenium   | 82-1  | 2.76      | 2.69      | 2.15      | 2.53       | 13.07     | ppb   |
| Selenium   | 77-2  | -0.51     | 1.02      | -0.51     | 0.00       | 138103.32 | ppb   |
| Selenium   | 78-2  | 0.62      | 1.35      | 1.05      | 1.01       | 36.24     | ppb   |
| Silicon    | 28-1  | 21.11     | 20.85     | 21.16     | 21.04      | 0.78      | ppb   |
| Silver     | 109-1 | 0.10      | 0.09      | 0.11      | 0.10       | 8.95      | ppb   |
| Silver     | 107-1 | 0.08      | 0.12      | 0.11      | 0.10       | 19.00     | ppb   |
| Sodium     | 23-2  | 502777.67 | 500598.51 | 498144.74 | 500506.97  | 0.46      | ppb   |
| Strontium  | 86-1  | 30.77     | 29.75     | 30.00     | 30.17      | 1.77      | ppb   |
| Strontium  | 88-1  | 31.19     | 29.68     | 30.37     | 30.41      | 2.48      | ppb   |
| Sulfur     | 34-1  | -347.14   | -250.69   | -224.23   | -274.02    |           | ppb   |
| Terbium    | 159-2 |           |           |           | 101        |           | %     |
| Terbium    | 159-1 |           |           |           | 94         |           | %     |
| Thallium   | 203-1 | 0.44      | 0.52      | 0.38      | 0.45       | 15.49     | ppb   |
| Thallium   | 205-1 | 0.57      | 0.43      | 0.44      | 0.48       | 16.31     | ppb   |
| Tin        | 118-1 | 1.29      | 1.45      | 1.46      | 1.40       | 7.07      | ppb   |
| Titanium   | 47-1  | 0.90      | 0.89      | 0.51      | 0.77       | 29.16     | ppb   |
| Uranium    | 238-1 | 0.08      | 0.08      | 0.09      | 0.08       | 7.34      | ppb   |
| Vanadium   | 51-2  | 0.20      | 0.19      | 0.19      | 0.19       | 2.45      | ppb   |
| Yttrium    | 89-2  |           |           |           | 100        |           | %     |
| Yttrium    | 89-1  |           |           |           | 95         |           | %     |
| Zinc       | 66-2  | 19.08     | 17.62     | 18.54     | 18.41      | 4.01      | ppb   |
| Zirconium  | 90-1  | 0.26      | 0.26      | 0.31      | 0.27       | 9.70      | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.26    | 0.30    | 0.27       | 11.23   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 16:35:17 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 505.06  | 501.15  | 502.05  | 502.75     | 0.41    | ppb   |
| Antimony   | 121-1 | 189.48  | 189.40  | 189.84  | 189.57     | 0.12    | ppb   |
| Arsenic    | 75-2  | 199.60  | 189.96  | 190.77  | 193.44     | 2.76    | ppb   |
| Barium     | 135-1 | 101.75  | 100.11  | 101.59  | 101.15     | 0.89    | ppb   |
| Barium     | 137-1 | 102.45  | 101.74  | 104.17  | 102.79     | 1.22    | ppb   |
| Beryllium  | 9-1   | 96.94   | 94.68   | 95.42   | 95.68      | 1.20    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 579.67  | 575.99  | 569.31  | 574.99     | 0.91    | ppb   |
| Boron      | 11-1  | 575.37  | 576.64  | 580.82  | 577.61     | 0.49    | ppb   |
| Cadmium    | 106-1 | 173.76  | 182.24  | 174.68  | 176.90     | 2.63    | ppb   |
| Cadmium    | 108-1 | 150.95  | 146.58  | 149.86  | 149.13     | 1.52    | ppb   |
| Cadmium    | 111-1 | 103.75  | 105.44  | 106.08  | 105.09     | 1.14    | ppb   |
| Calcium    | 43-1  | 2178.72 | 2216.80 | 2119.66 | 2171.73    | 2.25    | ppb   |
| Calcium    | 44-1  | 2088.52 | 2097.86 | 2085.39 | 2090.59    | 0.31    | ppb   |
| Chromium   | 52-2  | 98.36   | 95.65   | 94.38   | 96.13      | 2.12    | ppb   |
| Cobalt     | 59-2  | 102.64  | 100.74  | 99.57   | 100.98     | 1.54    | ppb   |
| Copper     | 63-2  | 105.11  | 102.97  | 102.89  | 103.66     | 1.21    | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 1004.09 | 991.03  | 982.74  | 992.62     | 1.08    | ppb   |
| Iron       | 57-2  | 970.84  | 943.44  | 920.86  | 945.05     | 2.65    | ppb   |
| Lead       | 206-1 | 199.62  | 199.85  | 202.49  | 200.66     | 0.80    | ppb   |
| Lead       | 207-1 | 189.58  | 190.51  | 192.04  | 190.71     | 0.65    | ppb   |
| Lead       | 208-1 | 195.24  | 196.00  | 197.41  | 196.22     | 0.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1207.15 | 1183.22 | 1177.97 | 1189.45    | 1.31    | ppb   |
| Manganese  | 55-2  | 101.78  | 99.11   | 97.64   | 99.51      | 2.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 16:35:17 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 520.78  | 517.62  | 522.71  | 520.37     | 0.49    | ppb   |
| Molybdenum | 95-1  | 529.49  | 525.38  | 523.76  | 526.21     | 0.56    | ppb   |
| Molybdenum | 96-1  | 528.79  | 522.49  | 522.67  | 524.65     | 0.68    | ppb   |
| Molybdenum | 97-1  | 526.06  | 516.84  | 520.07  | 520.99     | 0.90    | ppb   |
| Molybdenum | 98-1  | 529.20  | 520.11  | 521.40  | 523.57     | 0.94    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 102.33  | 100.72  | 100.74  | 101.26     | 0.92    | ppb   |
| Phosphorus | 31-2  | -12.62  | -5.20   | -5.40   | -7.74      |         | ppb   |
| Potassium  | 39-2  | 1973.40 | 1937.61 | 1922.29 | 1944.43    | 1.35    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 203.12  | 188.40  | 180.67  | 190.73     | 5.98    | ppb   |
| Selenium   | 78-2  | 205.77  | 192.01  | 206.49  | 201.42     | 4.05    | ppb   |
| Selenium   | 82-1  | 205.41  | 199.58  | 201.36  | 202.12     | 1.48    | ppb   |
| Silicon    | 28-1  | 526.24  | 526.41  | 532.91  | 528.52     | 0.72    | ppb   |
| Silver     | 109-1 | 102.05  | 102.99  | 102.65  | 102.56     | 0.46    | ppb   |
| Silver     | 107-1 | 101.75  | 102.13  | 104.12  | 102.67     | 1.24    | ppb   |
| Sodium     | 23-2  | 2046.02 | 1987.28 | 1974.79 | 2002.69    | 1.90    | ppb   |
| Strontium  | 86-1  | 486.00  | 478.54  | 481.18  | 481.91     | 0.79    | ppb   |
| Strontium  | 88-1  | 484.44  | 480.67  | 483.14  | 482.75     | 0.40    | ppb   |
| Sulfur     | 34-1  | -336.29 | -477.48 | -436.78 | -416.85    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 199.14  | 193.84  | 199.59  | 197.52     | 1.62    | ppb   |
| Thallium   | 205-1 | 201.10  | 198.31  | 202.44  | 200.62     | 1.05    | ppb   |
| Tin        | 118-1 | 538.30  | 537.04  | 543.29  | 539.54     | 0.61    | ppb   |
| Titanium   | 47-1  | 514.02  | 509.30  | 520.62  | 514.65     | 1.11    | ppb   |
| Uranium    | 238-1 | 502.82  | 504.04  | 511.20  | 506.02     | 0.90    | ppb   |
| Vanadium   | 51-2  | 99.53   | 95.96   | 94.62   | 96.70      | 2.62    | ppb   |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 205.22  | 199.51  | 198.52  | 201.08     | 1.80    | ppb   |
| Zirconium  | 90-1  | 525.76  | 522.21  | 527.80  | 525.26     | 0.54    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 16:35:17 | DataFile Name :   | 011ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 521.98  | 518.28  | 525.43  | 521.89     | 0.69    | ppb   |

LB Number : LB85982 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-22 16:50:39 DataFile Name : 012CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 0.70    | 0.48    | 0.07    | 0.41       | 77.67    | ppb   |
| Antimony   | 121-1 | 0.90    | 1.09    | 1.29    | 1.10       | 17.96    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.10    | 0.14    | 0.11       | 27.30    | ppb   |
| Barium     | 135-1 | 0.05    | 0.04    | 0.05    | 0.05       | 1.21     | ppb   |
| Barium     | 137-1 | 0.05    | 0.05    | 0.02    | 0.04       | 40.56    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.04    | 0.03       | 17.23    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |          | %     |
| Bismuth    | 209-2 |         |         |         | 103        |          | %     |
| Boron      | 10-1  | 3.97    | 3.49    | 4.46    | 3.97       | 12.10    | ppb   |
| Boron      | 11-1  | 4.18    | 4.44    | 4.38    | 4.33       | 3.16     | ppb   |
| Cadmium    | 106-1 | -2.30   | -0.71   | -1.01   | -1.34      |          | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.10    | -0.05   | 0.00       | 11500.91 | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.05   | -0.08   | -0.10      |          | ppb   |
| Calcium    | 43-1  | 1.06    | -1.79   | -0.55   | -0.43      |          | ppb   |
| Calcium    | 44-1  | -0.75   | 0.45    | 2.41    | 0.70       | 226.04   | ppb   |
| Chromium   | 52-2  | -0.01   | 0.02    | 0.04    | 0.02       | 158.15   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 19.90    | ppb   |
| Copper     | 63-2  | 0.03    | -0.01   | 0.00    | 0.01       | 207.14   | ppb   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 97         |          | %     |
| Holmium    | 165-2 |         |         |         | 103        |          | %     |
| Indium     | 115-2 |         |         |         | 103        |          | %     |
| Indium     | 115-1 |         |         |         | 102        |          | %     |
| Iron       | 56-2  | 1.21    | 1.31    | 1.17    | 1.23       | 5.58     | ppb   |
| Iron       | 57-2  | 0.72    | 1.74    | 1.34    | 1.27       | 40.60    | ppb   |
| Lead       | 206-1 | 0.16    | 0.16    | 0.14    | 0.16       | 7.93     | ppb   |
| Lead       | 207-1 | 0.14    | 0.17    | 0.17    | 0.16       | 9.02     | ppb   |
| Lead       | 208-1 | 0.19    | 0.18    | 0.16    | 0.17       | 6.97     | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |          | %     |
| Magnesium  | 24-2  | 0.40    | 1.07    | 0.61    | 0.69       | 49.72    | ppb   |
| Manganese  | 55-2  | 0.05    | 0.03    | 0.03    | 0.04       | 16.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:50:39 | DataFile Name :   | 012CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.13    | 0.10    | 0.10       | 26.18   | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.28    | 0.31    | 0.26       | 28.37   | ppb   |
| Molybdenum | 96-1  | 0.19    | 0.18    | 0.30    | 0.22       | 31.31   | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.24    | 0.50    | 0.34       | 39.73   | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.28    | 0.34    | 0.29       | 19.04   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | 0.01    | 0.01       | 116.23  | ppb   |
| Phosphorus | 31-2  | 24.80   | -16.59  | -0.27   | 2.65       | 787.35  | ppb   |
| Potassium  | 39-2  | 8.66    | 4.33    | 12.27   | 8.42       | 47.20   | ppb   |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -0.51   | -0.51   | -0.51   | -0.51      |         | ppb   |
| Selenium   | 78-2  | 0.25    | -1.25   | 1.50    | 0.17       | 819.27  | ppb   |
| Selenium   | 82-1  | -0.87   | -0.38   | 0.92    | -0.11      |         | ppb   |
| Silicon    | 28-1  | 2.20    | 2.27    | 4.28    | 2.92       | 40.40   | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 47.78   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.02    | 0.01       | 105.88  | ppb   |
| Sodium     | 23-2  | 15.50   | 15.41   | 14.51   | 15.14      | 3.60    | ppb   |
| Strontium  | 86-1  | -0.12   | 0.02    | -0.10   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 532.93  | ppb   |
| Sulfur     | 34-1  | -390.40 | -426.68 | 1.88    | -271.73    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.06    | 0.06    | 0.05       | 28.36   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.03    | 0.04       | 13.27   | ppb   |
| Tin        | 118-1 | 0.08    | 0.13    | 0.24    | 0.15       | 56.00   | ppb   |
| Titanium   | 47-1  | -0.01   | 0.03    | 0.06    | 0.02       | 137.89  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 66.81   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 1.59    | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.39    | 0.11    | 0.13    | 0.21       | 74.96   | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.06    | 0.05       | 26.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:50:39 | DataFile Name :   | 012CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.06    | 0.02    | 0.04       | 44.45   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90923.68 | 89505.34 | 86269.87 | 88899.63   | 2.68    | ppb   |
| Antimony   | 121-1 | 1.72     | 1.59     | 1.76     | 1.69       | 5.29    | ppb   |
| Arsenic    | 75-2  | 0.33     | 0.36     | 0.46     | 0.38       | 17.01   | ppb   |
| Barium     | 135-1 | 1.63     | 1.65     | 1.49     | 1.59       | 5.62    | ppb   |
| Barium     | 137-1 | 1.53     | 1.52     | 1.59     | 1.54       | 2.39    | ppb   |
| Beryllium  | 9-1   | 0.36     | 0.21     | 0.37     | 0.31       | 27.87   | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 6.14     | 4.90     | 4.61     | 5.22       | 15.59   | ppb   |
| Boron      | 11-1  | 5.99     | 4.79     | 5.33     | 5.37       | 11.20   | ppb   |
| Cadmium    | 106-1 | 1.19     | 0.17     | -1.69    | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 10.50    | 11.57    | 9.77     | 10.61      | 8.56    | ppb   |
| Cadmium    | 111-1 | 0.54     | 0.28     | 0.34     | 0.38       | 35.47   | ppb   |
| Calcium    | 43-1  | 92226.64 | 91653.20 | 92746.12 | 92208.65   | 0.59    | ppb   |
| Calcium    | 44-1  | 92163.06 | 93890.96 | 92883.56 | 92979.19   | 0.93    | ppb   |
| Chromium   | 52-2  | 18.69    | 19.21    | 18.28    | 18.73      | 2.50    | ppb   |
| Cobalt     | 59-2  | 1.18     | 1.21     | 1.10     | 1.16       | 5.14    | ppb   |
| Copper     | 63-2  | 8.84     | 8.41     | 8.38     | 8.55       | 2.99    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 89643.13 | 88902.44 | 84933.03 | 87826.20   | 2.88    | ppb   |
| Iron       | 57-2  | 88312.72 | 87832.20 | 84105.92 | 86750.28   | 2.65    | ppb   |
| Lead       | 206-1 | 4.80     | 4.88     | 4.63     | 4.77       | 2.70    | ppb   |
| Lead       | 207-1 | 4.10     | 4.00     | 4.21     | 4.10       | 2.55    | ppb   |
| Lead       | 208-1 | 4.44     | 4.46     | 4.46     | 4.45       | 0.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 94705.09 | 93545.66 | 89152.41 | 92467.72   | 3.17    | ppb   |
| Manganese  | 55-2  | 7.64     | 8.01     | 7.22     | 7.62       | 5.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 560.03   | 558.47   | 553.04   | 557.18     | 0.66    | ppb   |
| Molybdenum | 95-1  | 1901.27  | 1906.09  | 1883.06  | 1896.80    | 0.64    | ppb   |
| Molybdenum | 96-1  | 1546.10  | 1551.59  | 1549.05  | 1548.91    | 0.18    | ppb   |
| Molybdenum | 97-1  | 1790.60  | 1789.73  | 1778.99  | 1786.44    | 0.36    | ppb   |
| Molybdenum | 98-1  | 1878.06  | 1888.71  | 1891.82  | 1886.20    | 0.38    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.38     | 5.45     | 4.85     | 5.23       | 6.35    | ppb   |
| Phosphorus | 31-2  | 95971.86 | 95826.28 | 91195.57 | 94331.24   | 2.88    | ppb   |
| Potassium  | 39-2  | 93639.70 | 92394.95 | 87982.64 | 91339.09   | 3.25    | ppb   |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 0.99     | -0.51    | 0.93     | 0.47       | 180.49  | ppb   |
| Selenium   | 78-2  | 0.51     | 1.97     | 0.33     | 0.94       | 96.40   | ppb   |
| Selenium   | 82-1  | 0.95     | -0.89    | 1.86     | 0.64       | 218.82  | ppb   |
| Silicon    | 28-1  | 22.36    | 23.79    | 22.59    | 22.91      | 3.36    | ppb   |
| Silver     | 109-1 | 0.19     | 0.16     | 0.21     | 0.18       | 13.66   | ppb   |
| Silver     | 107-1 | 0.16     | 0.19     | 0.17     | 0.17       | 7.55    | ppb   |
| Sodium     | 23-2  | 95179.36 | 94388.22 | 90566.67 | 93378.08   | 2.64    | ppb   |
| Strontium  | 86-1  | 30.05    | 30.08    | 29.75    | 29.96      | 0.62    | ppb   |
| Strontium  | 88-1  | 30.63    | 30.28    | 30.09    | 30.33      | 0.90    | ppb   |
| Sulfur     | 34-1  | 99512.47 | 98818.25 | 99279.77 | 99203.50   | 0.36    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.63     | 0.51     | 0.41     | 0.52       | 20.99   | ppb   |
| Thallium   | 205-1 | 0.55     | 0.43     | 0.44     | 0.47       | 14.44   | ppb   |
| Tin        | 118-1 | 0.23     | 0.30     | 0.26     | 0.27       | 12.44   | ppb   |
| Titanium   | 47-1  | 1844.84  | 1846.39  | 1835.17  | 1842.13    | 0.33    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.03     | 0.02       | 41.11   | ppb   |
| Vanadium   | 51-2  | 0.17     | 0.15     | 0.16     | 0.16       | 8.10    | ppb   |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 12.54    | 12.10    | 10.52    | 11.72      | 9.05    | ppb   |
| Zirconium  | 90-1  | 0.18     | 0.19     | 0.20     | 0.19       | 6.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.17    | 0.17    | 0.16       | 15.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 91704.93 | 89716.25 | 88611.13 | 90010.77   | 1.74    | ppb   |
| Antimony   | 121-1 | 19.65    | 18.99    | 19.13    | 19.25      | 1.82    | ppb   |
| Arsenic    | 75-2  | 20.17    | 18.36    | 18.92    | 19.15      | 4.83    | ppb   |
| Barium     | 135-1 | 21.56    | 21.27    | 21.47    | 21.43      | 0.69    | ppb   |
| Barium     | 137-1 | 22.20    | 21.56    | 21.57    | 21.78      | 1.67    | ppb   |
| Beryllium  | 9-1   | 20.35    | 19.74    | 19.74    | 19.94      | 1.76    | ppb   |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 60.42    | 60.82    | 59.38    | 60.21      | 1.23    | ppb   |
| Boron      | 11-1  | 61.10    | 63.19    | 60.92    | 61.74      | 2.04    | ppb   |
| Cadmium    | 106-1 | 23.76    | 21.81    | 25.40    | 23.65      | 7.60    | ppb   |
| Cadmium    | 108-1 | 33.68    | 33.73    | 32.83    | 33.41      | 1.51    | ppb   |
| Cadmium    | 111-1 | 20.14    | 19.40    | 19.59    | 19.71      | 1.93    | ppb   |
| Calcium    | 43-1  | 93575.34 | 92564.67 | 92522.21 | 92887.40   | 0.64    | ppb   |
| Calcium    | 44-1  | 93469.17 | 93004.92 | 92986.02 | 93153.37   | 0.29    | ppb   |
| Chromium   | 52-2  | 38.55    | 38.32    | 38.48    | 38.45      | 0.31    | ppb   |
| Cobalt     | 59-2  | 21.23    | 21.15    | 21.09    | 21.15      | 0.33    | ppb   |
| Copper     | 63-2  | 29.61    | 29.34    | 28.92    | 29.29      | 1.18    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 89244.62 | 88030.91 | 87329.00 | 88201.51   | 1.10    | ppb   |
| Iron       | 57-2  | 89015.41 | 88523.49 | 87795.77 | 88444.89   | 0.69    | ppb   |
| Lead       | 206-1 | 26.11    | 24.67    | 25.81    | 25.53      | 2.97    | ppb   |
| Lead       | 207-1 | 23.27    | 23.33    | 23.45    | 23.35      | 0.38    | ppb   |
| Lead       | 208-1 | 24.58    | 24.15    | 24.43    | 24.39      | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 95438.07 | 93360.76 | 92850.68 | 93883.17   | 1.46    | ppb   |
| Manganese  | 55-2  | 27.35    | 27.91    | 28.21    | 27.82      | 1.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 625.41    | 613.00   | 606.47   | 614.96     | 1.56    | ppb   |
| Molybdenum | 95-1  | 2006.13   | 1964.55  | 1946.82  | 1972.50    | 1.54    | ppb   |
| Molybdenum | 96-1  | 1643.71   | 1610.59  | 1607.03  | 1620.44    | 1.25    | ppb   |
| Molybdenum | 97-1  | 1896.56   | 1859.58  | 1838.52  | 1864.89    | 1.58    | ppb   |
| Molybdenum | 98-1  | 1998.00   | 1945.55  | 1960.06  | 1967.87    | 1.38    | ppb   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 23.87     | 24.44    | 25.00    | 24.44      | 2.31    | ppb   |
| Phosphorus | 31-2  | 97467.35  | 96261.19 | 95487.00 | 96405.18   | 1.04    | ppb   |
| Potassium  | 39-2  | 93988.51  | 92389.50 | 91592.79 | 92656.93   | 1.32    | ppb   |
| Rhodium    | 103-2 |           |          |          | 98         |         | %     |
| Rhodium    | 103-1 |           |          |          | 97         |         | %     |
| Scandium   | 45-1  |           |          |          | 101        |         | %     |
| Scandium   | 45-2  |           |          |          | 101        |         | %     |
| Selenium   | 82-1  | 19.59     | 19.93    | 18.31    | 19.28      | 4.41    | ppb   |
| Selenium   | 77-2  | 14.48     | 14.36    | 15.75    | 14.86      | 5.19    | ppb   |
| Selenium   | 78-2  | 17.67     | 19.49    | 20.08    | 19.08      | 6.57    | ppb   |
| Silicon    | 28-1  | 81.18     | 80.68    | 80.90    | 80.92      | 0.31    | ppb   |
| Silver     | 107-1 | 18.83     | 18.86    | 18.94    | 18.87      | 0.30    | ppb   |
| Silver     | 109-1 | 19.06     | 18.74    | 18.43    | 18.74      | 1.70    | ppb   |
| Sodium     | 23-2  | 95683.02  | 94439.25 | 93408.27 | 94510.18   | 1.21    | ppb   |
| Strontium  | 86-1  | 79.66     | 78.19    | 77.92    | 78.59      | 1.19    | ppb   |
| Strontium  | 88-1  | 80.39     | 78.93    | 78.74    | 79.35      | 1.14    | ppb   |
| Sulfur     | 34-1  | 100274.36 | 98900.21 | 99009.26 | 99394.61   | 0.77    | ppb   |
| Terbium    | 159-2 |           |          |          | 104        |         | %     |
| Terbium    | 159-1 |           |          |          | 97         |         | %     |
| Thallium   | 203-1 | 20.76     | 20.27    | 20.31    | 20.45      | 1.32    | ppb   |
| Thallium   | 205-1 | 20.97     | 20.63    | 20.93    | 20.84      | 0.89    | ppb   |
| Tin        | 118-1 | 55.90     | 53.96    | 54.23    | 54.70      | 1.92    | ppb   |
| Titanium   | 47-1  | 1905.86   | 1898.04  | 1891.92  | 1898.61    | 0.37    | ppb   |
| Uranium    | 238-1 | 56.10     | 55.09    | 55.08    | 55.43      | 1.05    | ppb   |
| Vanadium   | 51-2  | 19.54     | 19.26    | 19.69    | 19.50      | 1.13    | ppb   |
| Yttrium    | 89-1  |           |          |          | 97         |         | %     |
| Yttrium    | 89-2  |           |          |          | 103        |         | %     |
| Zinc       | 66-2  | 31.26     | 30.57    | 29.93    | 30.59      | 2.17    | ppb   |
| Zirconium  | 90-1  | 54.84     | 53.70    | 53.34    | 53.96      | 1.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 55.15   | 52.75   | 52.97   | 53.62      | 2.47    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9661.74  | 9754.92  | 9812.91  | 9743.19    | 0.78    | ppb   |
| Antimony   | 121-1 | 460.74   | 461.19   | 480.86   | 467.60     | 2.46    | ppb   |
| Arsenic    | 75-2  | 486.87   | 485.41   | 487.69   | 486.66     | 0.24    | ppb   |
| Barium     | 135-1 | 2366.97  | 2338.39  | 2437.59  | 2380.98    | 2.14    | ppb   |
| Barium     | 137-1 | 2366.91  | 2372.33  | 2447.39  | 2395.54    | 1.88    | ppb   |
| Beryllium  | 9-1   | 467.59   | 465.40   | 489.36   | 474.12     | 2.79    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 428.97   | 439.66   | 478.28   | 448.97     | 5.78    | ppb   |
| Boron      | 11-1  | 422.42   | 437.11   | 470.87   | 443.47     | 5.60    | ppb   |
| Cadmium    | 106-1 | 461.72   | 475.87   | 486.41   | 474.67     | 2.61    | ppb   |
| Cadmium    | 108-1 | 471.97   | 476.28   | 479.30   | 475.85     | 0.77    | ppb   |
| Cadmium    | 111-1 | 477.08   | 475.84   | 492.69   | 481.87     | 1.95    | ppb   |
| Calcium    | 43-1  | 46663.89 | 46172.49 | 48362.70 | 47066.36   | 2.44    | ppb   |
| Calcium    | 44-1  | 45903.06 | 45449.11 | 47527.08 | 46293.08   | 2.36    | ppb   |
| Chromium   | 52-2  | 492.77   | 497.14   | 495.03   | 494.98     | 0.44    | ppb   |
| Cobalt     | 59-2  | 496.92   | 499.29   | 497.27   | 497.83     | 0.26    | ppb   |
| Copper     | 63-2  | 1004.75  | 1008.21  | 998.24   | 1003.73    | 0.50    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 23215.95 | 23061.59 | 22863.28 | 23046.94   | 0.77    | ppb   |
| Iron       | 57-2  | 23369.61 | 23328.39 | 23316.40 | 23338.13   | 0.12    | ppb   |
| Lead       | 206-1 | 483.48   | 472.20   | 495.48   | 483.72     | 2.41    | ppb   |
| Lead       | 207-1 | 478.81   | 469.22   | 490.56   | 479.53     | 2.23    | ppb   |
| Lead       | 208-1 | 478.98   | 470.36   | 491.86   | 480.40     | 2.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 48541.68 | 48374.34 | 47867.80 | 48261.28   | 0.73    | ppb   |
| Manganese  | 55-2  | 993.53   | 1001.98  | 991.64   | 995.71     | 0.55    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 474.92   | 472.15   | 490.38   | 479.15     | 2.05    | ppb   |
| Molybdenum | 95-1  | 481.81   | 478.28   | 494.32   | 484.81     | 1.74    | ppb   |
| Molybdenum | 96-1  | 477.00   | 474.92   | 489.63   | 480.52     | 1.66    | ppb   |
| Molybdenum | 97-1  | 475.29   | 469.80   | 487.71   | 477.60     | 1.92    | ppb   |
| Molybdenum | 98-1  | 474.84   | 476.36   | 491.04   | 480.75     | 1.86    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 491.33   | 500.24   | 494.54   | 495.37     | 0.91    | ppb   |
| Phosphorus | 31-2  | 9986.44  | 9739.09  | 10066.94 | 9930.82    | 1.72    | ppb   |
| Potassium  | 39-2  | 23857.63 | 23917.17 | 23864.25 | 23879.68   | 0.14    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 446.24   | 490.22   | 452.40   | 462.96     | 5.14    | ppb   |
| Selenium   | 78-2  | 479.99   | 493.33   | 501.27   | 491.53     | 2.19    | ppb   |
| Selenium   | 82-1  | 471.80   | 463.91   | 490.47   | 475.39     | 2.87    | ppb   |
| Silicon    | 28-1  | 480.09   | 478.06   | 505.17   | 487.77     | 3.10    | ppb   |
| Silver     | 109-1 | 473.56   | 473.68   | 490.13   | 479.12     | 1.99    | ppb   |
| Silver     | 107-1 | 473.08   | 469.50   | 486.88   | 476.49     | 1.93    | ppb   |
| Sodium     | 23-2  | 48956.62 | 49036.46 | 48310.63 | 48767.90   | 0.82    | ppb   |
| Strontium  | 86-1  | 473.34   | 470.55   | 487.29   | 477.06     | 1.88    | ppb   |
| Strontium  | 88-1  | 470.04   | 472.46   | 487.04   | 476.52     | 1.93    | ppb   |
| Sulfur     | 34-1  | 8835.79  | 8443.36  | 9366.84  | 8881.99    | 5.22    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 485.11   | 473.65   | 497.05   | 485.27     | 2.41    | ppb   |
| Thallium   | 205-1 | 479.52   | 470.83   | 493.16   | 481.17     | 2.34    | ppb   |
| Tin        | 118-1 | 474.44   | 473.72   | 497.58   | 481.91     | 2.82    | ppb   |
| Titanium   | 47-1  | 479.62   | 472.63   | 487.90   | 480.05     | 1.59    | ppb   |
| Uranium    | 238-1 | 471.35   | 468.00   | 491.89   | 477.08     | 2.71    | ppb   |
| Vanadium   | 51-2  | 493.94   | 494.56   | 494.51   | 494.34     | 0.07    | ppb   |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 992.98   | 995.86   | 995.85   | 994.90     | 0.17    | ppb   |
| Zirconium  | 90-1  | 462.09   | 459.52   | 477.02   | 466.21     | 2.03    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 476.75  | 473.75  | 493.93  | 481.48     | 2.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.70    | 0.28    | 0.48    | 0.49       | 42.86   | ppb   |
| Antimony   | 121-1 | 0.98    | 1.24    | 1.38    | 1.20       | 16.81   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.06    | 0.17    | 0.12       | 50.33   | ppb   |
| Barium     | 135-1 | 0.08    | 0.02    | 0.06    | 0.05       | 50.19   | ppb   |
| Barium     | 137-1 | 0.04    | 0.07    | 0.06    | 0.06       | 27.81   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.08    | 0.00    | 0.03       | 135.27  | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 5.20    | 4.54    | 3.72    | 4.49       | 16.56   | ppb   |
| Boron      | 11-1  | 4.27    | 3.96    | 4.21    | 4.15       | 3.89    | ppb   |
| Cadmium    | 106-1 | -1.21   | -0.32   | 1.12    | -0.14      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.03    | 0.03    | 0.00       | 2582.55 | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.02   | 0.10    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -0.64   | 0.56    | 2.93    | 0.95       | 190.32  | ppb   |
| Calcium    | 44-1  | 1.49    | 1.82    | 2.41    | 1.91       | 24.33   | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.04    | 0.03       | 45.74   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.03    | 0.01    | 0.02       | 64.57   | ppb   |
| Copper     | 63-2  | 0.10    | 0.12    | 0.06    | 0.09       | 29.13   | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.27    | 1.49    | 1.34    | 1.37       | 8.15    | ppb   |
| Iron       | 57-2  | 1.82    | 1.62    | 0.26    | 1.23       | 68.90   | ppb   |
| Lead       | 206-1 | 0.02    | 0.04    | 0.05    | 0.04       | 48.62   | ppb   |
| Lead       | 207-1 | 0.08    | 0.05    | 0.05    | 0.06       | 28.63   | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.05    | 0.05       | 8.43    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 0.72    | 0.97    | 0.38    | 0.69       | 43.04   | ppb   |
| Manganese  | 55-2  | 0.03    | 0.03    | 0.03    | 0.03       | 8.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.21    | 0.26    | 0.20       | 36.06   | ppb   |
| Molybdenum | 95-1  | 0.37    | 0.43    | 0.62    | 0.48       | 27.73   | ppb   |
| Molybdenum | 96-1  | 0.32    | 0.44    | 0.43    | 0.40       | 16.57   | ppb   |
| Molybdenum | 97-1  | 0.36    | 0.31    | 0.69    | 0.45       | 46.23   | ppb   |
| Molybdenum | 98-1  | 0.35    | 0.54    | 0.56    | 0.48       | 24.77   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 8.37    | -12.02  | -24.57  | -9.41      |         | ppb   |
| Potassium  | 39-2  | 8.08    | 8.14    | 6.60    | 7.61       | 11.46   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 82-1  | 0.27    | 2.07    | 0.84    | 1.06       | 86.44   | ppb   |
| Selenium   | 77-2  | -0.51   | -0.51   | -0.51   | -0.51      |         | ppb   |
| Selenium   | 78-2  | 0.28    | 0.01    | -0.23   | 0.02       | 1291.85 | ppb   |
| Silicon    | 28-1  | 1.36    | 2.49    | 2.52    | 2.12       | 31.10   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.01       | 67.48   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 30.20   | ppb   |
| Sodium     | 23-2  | 20.86   | 22.74   | 21.31   | 21.64      | 4.55    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.01    | -0.03   | 0.02       | 259.65  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -827.90 | -814.28 | -836.94 | -826.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 39.75   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 195.99  | ppb   |
| Tin        | 118-1 | 0.16    | 0.18    | 0.13    | 0.15       | 16.47   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | -0.01   | 0.01       | 212.23  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 106.55  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 153.91  | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.15    | 0.09    | 0.23    | 0.16       | 44.10   | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.06    | 0.05       | 27.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 34.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.14   | 27.22   | 18.85   | 21.07      | 25.62   | ppb   |
| Antimony   | 121-1 | 2.47    | 2.25    | 2.39    | 2.37       | 4.58    | ppb   |
| Arsenic    | 75-2  | 0.84    | 0.92    | 1.00    | 0.92       | 8.81    | ppb   |
| Barium     | 135-1 | 9.62    | 9.36    | 9.75    | 9.58       | 2.06    | ppb   |
| Barium     | 137-1 | 10.01   | 10.13   | 9.91    | 10.02      | 1.07    | ppb   |
| Beryllium  | 9-1   | 1.09    | 1.20    | 1.15    | 1.15       | 5.00    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 28.93   | 26.67   | 30.07   | 28.55      | 6.05    | ppb   |
| Boron      | 11-1  | 27.47   | 28.23   | 27.29   | 27.66      | 1.82    | ppb   |
| Cadmium    | 106-1 | 1.90    | 0.18    | 0.00    | 0.69       | 150.74  | ppb   |
| Cadmium    | 108-1 | 0.85    | 0.99    | 0.94    | 0.93       | 8.08    | ppb   |
| Cadmium    | 111-1 | 1.04    | 0.91    | 0.90    | 0.95       | 7.91    | ppb   |
| Calcium    | 43-1  | 460.66  | 488.58  | 477.83  | 475.69     | 2.96    | ppb   |
| Calcium    | 44-1  | 483.70  | 504.76  | 490.05  | 492.84     | 2.19    | ppb   |
| Chromium   | 52-2  | 2.07    | 2.15    | 2.04    | 2.09       | 2.83    | ppb   |
| Cobalt     | 59-2  | 1.11    | 1.01    | 1.00    | 1.04       | 6.16    | ppb   |
| Copper     | 63-2  | 2.21    | 2.39    | 2.48    | 2.36       | 5.70    | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 51.17   | 52.40   | 52.45   | 52.00      | 1.39    | ppb   |
| Iron       | 57-2  | 57.50   | 45.90   | 47.60   | 50.33      | 12.44   | ppb   |
| Lead       | 206-1 | 1.05    | 1.14    | 1.19    | 1.12       | 6.19    | ppb   |
| Lead       | 207-1 | 0.99    | 1.05    | 1.12    | 1.05       | 6.52    | ppb   |
| Lead       | 208-1 | 1.04    | 1.07    | 1.15    | 1.08       | 5.02    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 499.17  | 491.46  | 495.12  | 495.25     | 0.78    | ppb   |
| Manganese  | 55-2  | 1.23    | 1.11    | 1.08    | 1.14       | 6.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.01    | 2.13    | 2.25    | 2.13       | 5.62    | ppb   |
| Molybdenum | 95-1  | 5.14    | 5.07    | 5.28    | 5.16       | 2.07    | ppb   |
| Molybdenum | 96-1  | 4.26    | 4.51    | 4.59    | 4.45       | 3.84    | ppb   |
| Molybdenum | 97-1  | 4.90    | 4.82    | 5.20    | 4.97       | 4.09    | ppb   |
| Molybdenum | 98-1  | 5.12    | 5.25    | 5.33    | 5.24       | 2.06    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.09    | 1.06    | 1.17    | 1.11       | 4.93    | ppb   |
| Phosphorus | 31-2  | 20.78   | 24.40   | 28.42   | 24.54      | 15.57   | ppb   |
| Potassium  | 39-2  | 472.52  | 486.41  | 488.21  | 482.38     | 1.78    | ppb   |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 0.99    | 1.00    | 5.52    | 2.51       | 104.26  | ppb   |
| Selenium   | 78-2  | 5.26    | 8.08    | 7.29    | 6.87       | 21.14   | ppb   |
| Selenium   | 82-1  | 5.86    | 5.98    | 6.00    | 5.95       | 1.26    | ppb   |
| Silicon    | 28-1  | 7.90    | 9.76    | 11.91   | 9.86       | 20.34   | ppb   |
| Silver     | 109-1 | 1.11    | 1.14    | 1.28    | 1.18       | 7.89    | ppb   |
| Silver     | 107-1 | 1.25    | 1.23    | 1.17    | 1.22       | 3.37    | ppb   |
| Sodium     | 23-2  | 512.21  | 518.63  | 522.56  | 517.80     | 1.01    | ppb   |
| Strontium  | 86-1  | 0.93    | 1.04    | 0.94    | 0.97       | 6.13    | ppb   |
| Strontium  | 88-1  | 0.99    | 0.96    | 0.98    | 0.98       | 1.16    | ppb   |
| Sulfur     | 34-1  | -834.57 | -694.80 | -599.85 | -709.74    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.11    | 1.03    | 1.06    | 1.07       | 3.63    | ppb   |
| Thallium   | 205-1 | 1.01    | 1.05    | 1.00    | 1.02       | 2.33    | ppb   |
| Tin        | 118-1 | 5.21    | 5.22    | 5.12    | 5.18       | 1.00    | ppb   |
| Titanium   | 47-1  | 4.78    | 4.53    | 4.60    | 4.64       | 2.81    | ppb   |
| Uranium    | 238-1 | 1.03    | 0.99    | 1.07    | 1.03       | 4.14    | ppb   |
| Vanadium   | 51-2  | 4.88    | 4.79    | 4.90    | 4.85       | 1.16    | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 3.12    | 2.99    | 2.76    | 2.96       | 6.29    | ppb   |
| Zirconium  | 90-1  | 0.87    | 0.85    | 0.83    | 0.85       | 2.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.82    | 0.64    | 0.73    | 0.73       | 12.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.28    | 0.28    | 0.07    | 0.21       | 58.69   | ppb   |
| Antimony   | 121-1 | 0.18    | 0.22    | 0.26    | 0.22       | 19.26   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.09    | 0.03    | 0.04       | 116.30  | ppb   |
| Barium     | 135-1 | 0.04    | 0.03    | 0.07    | 0.04       | 50.49   | ppb   |
| Barium     | 137-1 | 0.05    | 0.02    | 0.01    | 0.03       | 66.35   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.07    | 0.05    | 0.05       | 39.80   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 3.61    | 3.80    | 3.51    | 3.64       | 4.01    | ppb   |
| Boron      | 11-1  | 3.83    | 3.67    | 3.24    | 3.58       | 8.46    | ppb   |
| Cadmium    | 111-1 | 0.09    | 0.07    | -0.07   | 0.03       | 284.27  | ppb   |
| Cadmium    | 106-1 | 1.12    | 0.92    | -0.93   | 0.37       | 307.92  | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.71    | ppb   |
| Calcium    | 43-1  | -1.25   | 3.89    | -0.03   | 0.87       | 308.02  | ppb   |
| Calcium    | 44-1  | 0.45    | 0.51    | 2.04    | 1.00       | 90.29   | ppb   |
| Chromium   | 52-2  | -0.01   | 0.01    | 0.01    | 0.00       | 270.22  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 39.49   | ppb   |
| Copper     | 63-2  | 0.04    | 0.03    | 0.04    | 0.04       | 16.40   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.71    | 0.54    | 0.69    | 0.65       | 14.05   | ppb   |
| Iron       | 57-2  | 0.29    | 0.28    | -0.38   | 0.06       | 612.82  | ppb   |
| Lead       | 206-1 | 0.06    | 0.01    | 0.05    | 0.04       | 60.25   | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.06    | 0.05       | 11.84   | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.07    | 0.06       | 13.20   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 0.88    | 0.63    | -0.01   | 0.50       | 91.85   | ppb   |
| Manganese  | 55-2  | -0.01   | 0.03    | 0.05    | 0.02       | 140.29  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.09    | 0.11    | 0.09       | 17.00   | ppb   |
| Molybdenum | 95-1  | 0.19    | 0.28    | 0.30    | 0.26       | 22.88   | ppb   |
| Molybdenum | 96-1  | 0.18    | 0.19    | 0.25    | 0.21       | 17.09   | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.26    | 0.23    | 0.23       | 15.94   | ppb   |
| Molybdenum | 98-1  | 0.18    | 0.22    | 0.20    | 0.20       | 8.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -12.06  | -24.50  | -16.37  | -17.64     |         | ppb   |
| Potassium  | 39-2  | 5.01    | 9.57    | 4.31    | 6.30       | 45.36   | ppb   |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -0.51   | -0.51   | 2.49    | 0.49       | 354.03  | ppb   |
| Selenium   | 78-2  | 1.28    | 0.76    | 0.98    | 1.01       | 25.76   | ppb   |
| Selenium   | 82-1  | 0.94    | 0.92    | 0.74    | 0.87       | 12.69   | ppb   |
| Silicon    | 28-1  | 1.05    | 5.38    | 2.08    | 2.84       | 79.79   | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 277.44  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.73   | ppb   |
| Sodium     | 23-2  | 15.62   | 16.61   | 14.71   | 15.65      | 6.06    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.03    | 0.03    | 0.04       | 3.43    | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -843.25 | -454.18 | -922.38 | -739.94    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 243.69  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 191.48  | ppb   |
| Tin        | 118-1 | 0.06    | 0.07    | 0.08    | 0.07       | 10.39   | ppb   |
| Titanium   | 47-1  | -0.04   | -0.03   | -0.07   | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 154.92  | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 0.05    | 0.09    | 0.03    | 0.06       | 58.09   | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.04    | 0.05       | 16.38   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 22.98   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 39.36   | 47.15   | 41.77   | 42.76      | 9.32    | ppb   |
| Antimony   | 121-1 | 3.81    | 3.72    | 3.71    | 3.74       | 1.45    | ppb   |
| Arsenic    | 75-2  | 1.87    | 1.74    | 1.69    | 1.77       | 5.28    | ppb   |
| Barium     | 135-1 | 17.96   | 17.94   | 18.24   | 18.05      | 0.92    | ppb   |
| Barium     | 137-1 | 18.02   | 18.07   | 18.08   | 18.05      | 0.17    | ppb   |
| Beryllium  | 9-1   | 1.82    | 1.88    | 1.58    | 1.76       | 9.18    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 45.39   | 45.27   | 47.17   | 45.94      | 2.31    | ppb   |
| Boron      | 11-1  | 44.58   | 46.69   | 46.22   | 45.83      | 2.42    | ppb   |
| Cadmium    | 106-1 | 1.29    | 2.13    | -0.34   | 1.03       | 122.51  | ppb   |
| Cadmium    | 108-1 | 2.02    | 1.99    | 1.93    | 1.98       | 2.17    | ppb   |
| Cadmium    | 111-1 | 1.74    | 1.70    | 1.68    | 1.70       | 1.80    | ppb   |
| Calcium    | 43-1  | 837.25  | 825.15  | 862.55  | 841.65     | 2.27    | ppb   |
| Calcium    | 44-1  | 872.38  | 875.05  | 872.44  | 873.29     | 0.17    | ppb   |
| Chromium   | 52-2  | 3.67    | 3.97    | 3.94    | 3.86       | 4.32    | ppb   |
| Cobalt     | 59-2  | 1.88    | 1.98    | 1.87    | 1.91       | 3.30    | ppb   |
| Copper     | 63-2  | 3.98    | 3.91    | 4.11    | 4.00       | 2.64    | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 403.73  | 410.89  | 404.50  | 406.37     | 0.97    | ppb   |
| Iron       | 57-2  | 366.76  | 397.53  | 376.09  | 380.13     | 4.15    | ppb   |
| Lead       | 206-1 | 1.84    | 1.93    | 2.03    | 1.93       | 4.95    | ppb   |
| Lead       | 207-1 | 1.97    | 1.93    | 1.97    | 1.95       | 1.26    | ppb   |
| Lead       | 208-1 | 1.92    | 1.84    | 1.95    | 1.90       | 3.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 918.88  | 932.10  | 926.33  | 925.77     | 0.72    | ppb   |
| Manganese  | 55-2  | 1.83    | 1.90    | 2.00    | 1.91       | 4.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.90    | 3.75    | 3.62    | 3.76       | 3.65    | ppb   |
| Molybdenum | 95-1  | 9.18    | 9.02    | 9.10    | 9.10       | 0.89    | ppb   |
| Molybdenum | 96-1  | 7.81    | 7.72    | 7.91    | 7.81       | 1.22    | ppb   |
| Molybdenum | 97-1  | 8.99    | 8.84    | 9.09    | 8.97       | 1.37    | ppb   |
| Molybdenum | 98-1  | 9.42    | 9.22    | 8.94    | 9.20       | 2.61    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.18    | 2.06    | 1.90    | 2.05       | 6.87    | ppb   |
| Phosphorus | 31-2  | 32.60   | 17.21   | 16.64   | 22.15      | 40.86   | ppb   |
| Potassium  | 39-2  | 886.34  | 906.21  | 906.67  | 899.74     | 1.29    | ppb   |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 5.55    | 11.63   | 10.05   | 9.08       | 34.78   | ppb   |
| Selenium   | 78-2  | 10.60   | 10.12   | 9.30    | 10.01      | 6.58    | ppb   |
| Selenium   | 82-1  | 10.69   | 7.70    | 9.01    | 9.13       | 16.45   | ppb   |
| Silicon    | 28-1  | 8.83    | 9.27    | 10.68   | 9.59       | 10.08   | ppb   |
| Silver     | 109-1 | 2.37    | 2.22    | 2.11    | 2.23       | 5.88    | ppb   |
| Silver     | 107-1 | 2.24    | 2.13    | 2.18    | 2.18       | 2.55    | ppb   |
| Sodium     | 23-2  | 925.86  | 951.72  | 949.24  | 942.27     | 1.51    | ppb   |
| Strontium  | 86-1  | 1.88    | 1.87    | 1.79    | 1.85       | 2.68    | ppb   |
| Strontium  | 88-1  | 1.76    | 1.69    | 1.70    | 1.71       | 2.17    | ppb   |
| Sulfur     | 34-1  | -773.42 | -739.65 | -963.70 | -825.59    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.87    | 1.76    | 1.95    | 1.86       | 4.99    | ppb   |
| Thallium   | 205-1 | 1.93    | 1.86    | 1.82    | 1.87       | 3.11    | ppb   |
| Tin        | 118-1 | 9.37    | 8.88    | 9.16    | 9.14       | 2.68    | ppb   |
| Titanium   | 47-1  | 8.34    | 9.04    | 8.85    | 8.75       | 4.16    | ppb   |
| Uranium    | 238-1 | 1.85    | 1.90    | 1.81    | 1.85       | 2.30    | ppb   |
| Vanadium   | 51-2  | 9.11    | 8.91    | 9.17    | 9.07       | 1.50    | ppb   |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 4.15    | 4.19    | 5.03    | 4.46       | 11.15   | ppb   |
| Zirconium  | 90-1  | 1.47    | 1.54    | 1.43    | 1.48       | 3.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.64    | 1.63    | 1.42    | 1.56       | 7.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.08    | -0.14   | 0.29    | 0.07       | 288.86  | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.15    | 0.10       | 36.44   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.00    | 0.09    | 0.04       | 113.69  | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.00    | 0.00       | 272.78  | ppb   |
| Barium     | 137-1 | 0.01    | 0.03    | 0.03    | 0.02       | 32.20   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.04    | 0.02       | 105.73  | ppb   |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 3.02    | 3.48    | 4.21    | 3.57       | 16.82   | ppb   |
| Boron      | 11-1  | 4.09    | 3.42    | 3.67    | 3.73       | 9.01    | ppb   |
| Cadmium    | 106-1 | 0.57    | 1.07    | -0.81   | 0.28       | 352.26  | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.05   | 0.11    | 0.03       | 272.39  | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.08    | -0.07   | 0.02       | 400.99  | ppb   |
| Calcium    | 43-1  | 3.44    | 1.84    | 0.78    | 2.02       | 66.18   | ppb   |
| Calcium    | 44-1  | -0.32   | 1.61    | 0.46    | 0.58       | 166.28  | ppb   |
| Chromium   | 52-2  | 0.00    | 0.05    | 0.02    | 0.02       | 129.35  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 62.45   | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.06    | 0.04       | 48.00   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 96         |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.52    | 0.44    | 0.47    | 0.48       | 8.36    | ppb   |
| Iron       | 57-2  | 1.50    | 0.31    | 0.54    | 0.78       | 80.83   | ppb   |
| Lead       | 206-1 | 0.10    | 0.01    | 0.05    | 0.05       | 83.52   | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.07    | 0.05       | 19.82   | ppb   |
| Lead       | 208-1 | 0.07    | 0.04    | 0.06    | 0.06       | 21.94   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.29    | 0.41    | 0.26    | 0.32       | 25.52   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.04    | 0.01    | 0.02       | 91.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.09    | 0.11    | 0.09       | 17.28   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.16    | 0.24    | 0.17       | 38.65   | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.17    | 0.25    | 0.19       | 27.35   | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.19    | 0.21    | 0.17       | 30.63   | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.18    | 0.21    | 0.18       | 11.87   | ppb   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -2.76   | 8.83    | -11.77  | -1.90      |         | ppb   |
| Potassium  | 39-2  | 7.36    | 4.58    | 9.08    | 7.01       | 32.40   | ppb   |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 1.04    | 1.02    | 1.02    | 1.03       | 1.16    | ppb   |
| Selenium   | 78-2  | 0.38    | 1.60    | 1.09    | 1.02       | 59.91   | ppb   |
| Selenium   | 82-1  | -0.33   | -0.97   | 0.01    | -0.43      |         | ppb   |
| Silicon    | 28-1  | 0.96    | 3.65    | 5.21    | 3.27       | 65.74   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 144.44  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 88.92   | ppb   |
| Sodium     | 23-2  | 14.08   | 11.72   | 14.66   | 13.49      | 11.57   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.15   | 0.01    | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -649.74 | -543.50 | -445.32 | -546.19    |         | ppb   |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 163.28  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.09    | 0.05    | 0.07    | 0.07       | 31.19   | ppb   |
| Titanium   | 47-1  | -0.12   | -0.02   | -0.07   | -0.07      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 628.46  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.15    | 0.05    | 0.05    | 0.08       | 65.00   | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.05    | 0.05       | 10.28   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.01    | 0.14    | 0.07       | 93.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.75   | 39.04   | 37.16   | 38.32      | 2.63    | ppb   |
| Antimony   | 121-1 | 3.72    | 3.71    | 3.57    | 3.67       | 2.20    | ppb   |
| Arsenic    | 75-2  | 1.70    | 1.94    | 1.83    | 1.82       | 6.42    | ppb   |
| Barium     | 135-1 | 18.40   | 17.03   | 17.28   | 17.57      | 4.13    | ppb   |
| Barium     | 137-1 | 18.61   | 17.88   | 17.43   | 17.97      | 3.33    | ppb   |
| Beryllium  | 9-1   | 1.94    | 1.87    | 1.99    | 1.93       | 2.94    | ppb   |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 46.44   | 46.79   | 51.10   | 48.11      | 5.39    | ppb   |
| Boron      | 11-1  | 44.91   | 47.09   | 45.81   | 45.94      | 2.39    | ppb   |
| Cadmium    | 111-1 | 1.85    | 1.67    | 1.61    | 1.71       | 7.19    | ppb   |
| Cadmium    | 106-1 | 2.76    | -0.69   | 0.07    | 0.71       | 253.81  | ppb   |
| Cadmium    | 108-1 | 2.27    | 1.82    | 0.91    | 1.67       | 41.67   | ppb   |
| Calcium    | 43-1  | 870.51  | 830.06  | 847.21  | 849.26     | 2.39    | ppb   |
| Calcium    | 44-1  | 882.74  | 880.30  | 883.10  | 882.05     | 0.17    | ppb   |
| Chromium   | 52-2  | 3.87    | 3.79    | 3.83    | 3.83       | 1.04    | ppb   |
| Cobalt     | 59-2  | 1.92    | 1.89    | 1.80    | 1.87       | 3.15    | ppb   |
| Copper     | 63-2  | 3.85    | 4.01    | 3.79    | 3.88       | 2.81    | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 418.32  | 411.93  | 414.20  | 414.81     | 0.78    | ppb   |
| Iron       | 57-2  | 392.21  | 398.63  | 409.92  | 400.25     | 2.24    | ppb   |
| Lead       | 206-1 | 1.82    | 1.87    | 1.88    | 1.86       | 1.98    | ppb   |
| Lead       | 207-1 | 1.77    | 1.87    | 1.80    | 1.81       | 3.06    | ppb   |
| Lead       | 208-1 | 1.88    | 1.89    | 1.91    | 1.89       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 905.25  | 911.36  | 900.32  | 905.64     | 0.61    | ppb   |
| Manganese  | 55-2  | 1.68    | 1.99    | 1.96    | 1.88       | 9.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 96-1  | 7.48    | 7.51    | 7.59    | 7.53       | 0.70    | ppb   |
| Molybdenum | 97-1  | 8.84    | 8.80    | 8.42    | 8.69       | 2.72    | ppb   |
| Molybdenum | 98-1  | 9.15    | 8.96    | 9.05    | 9.05       | 1.09    | ppb   |
| Molybdenum | 94-1  | 3.83    | 3.79    | 3.73    | 3.79       | 1.44    | ppb   |
| Molybdenum | 95-1  | 9.21    | 8.67    | 9.00    | 8.96       | 3.05    | ppb   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.05    | 2.00    | 2.18    | 2.08       | 4.47    | ppb   |
| Phosphorus | 31-2  | 25.07   | 8.00    | 44.60   | 25.89      | 70.74   | ppb   |
| Potassium  | 39-2  | 870.82  | 884.67  | 879.53  | 878.34     | 0.80    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 82-1  | 8.22    | 10.38   | 10.94   | 9.85       | 14.62   | ppb   |
| Selenium   | 77-2  | 13.06   | 6.98    | 3.97    | 8.01       | 57.85   | ppb   |
| Selenium   | 78-2  | 12.55   | 11.19   | 9.91    | 11.22      | 11.74   | ppb   |
| Silicon    | 28-1  | 11.09   | 9.46    | 11.08   | 10.54      | 8.87    | ppb   |
| Silver     | 109-1 | 1.89    | 1.76    | 1.84    | 1.83       | 3.59    | ppb   |
| Silver     | 107-1 | 1.84    | 1.75    | 1.75    | 1.78       | 2.82    | ppb   |
| Sodium     | 23-2  | 917.76  | 909.32  | 915.23  | 914.10     | 0.47    | ppb   |
| Strontium  | 86-1  | 1.62    | 1.57    | 1.65    | 1.61       | 2.67    | ppb   |
| Strontium  | 88-1  | 1.71    | 1.67    | 1.64    | 1.68       | 2.08    | ppb   |
| Sulfur     | 34-1  | -726.72 | -630.35 | -460.04 | -605.70    |         | ppb   |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 1.86    | 1.74    | 1.87    | 1.82       | 3.83    | ppb   |
| Thallium   | 205-1 | 1.85    | 1.79    | 1.83    | 1.82       | 1.91    | ppb   |
| Tin        | 118-1 | 9.52    | 9.28    | 8.94    | 9.24       | 3.17    | ppb   |
| Titanium   | 47-1  | 8.65    | 8.52    | 7.88    | 8.35       | 4.95    | ppb   |
| Uranium    | 238-1 | 1.86    | 1.90    | 1.86    | 1.88       | 1.38    | ppb   |
| Vanadium   | 51-2  | 8.76    | 8.51    | 8.83    | 8.70       | 1.96    | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 4.20    | 4.10    | 4.05    | 4.12       | 1.81    | ppb   |
| Zirconium  | 90-1  | 1.59    | 1.57    | 1.51    | 1.55       | 2.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.67    | 1.45    | 1.38    | 1.50       | 10.13   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.01     | 1.40     | 1.04     | 1.82       | 57.64   | ppb   |
| Antimony   | 121-1 | 0.39     | 0.39     | 0.37     | 0.38       | 2.86    | ppb   |
| Arsenic    | 75-2  | 0.20     | 0.19     | 0.20     | 0.20       | 4.08    | ppb   |
| Barium     | 135-1 | 278.19   | 277.10   | 276.03   | 277.11     | 0.39    | ppb   |
| Barium     | 137-1 | 281.89   | 277.07   | 278.97   | 279.31     | 0.87    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.02     | 0.01     | 0.02       | 66.00   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 12.74    | 13.35    | 14.09    | 13.39      | 5.06    | ppb   |
| Boron      | 11-1  | 12.70    | 12.78    | 13.34    | 12.94      | 2.69    | ppb   |
| Cadmium    | 111-1 | -0.07    | 0.07     | -0.02    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.98    | 0.73     | -0.42    | -0.22      |         | ppb   |
| Cadmium    | 108-1 | -0.05    | 0.02     | 0.15     | 0.04       | 249.13  | ppb   |
| Calcium    | 43-1  | 52109.08 | 51723.64 | 52628.30 | 52153.67   | 0.87    | ppb   |
| Calcium    | 44-1  | 52253.40 | 52414.27 | 52902.33 | 52523.34   | 0.64    | ppb   |
| Chromium   | 52-2  | 0.01     | -0.03    | -0.03    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.11     | 0.11     | 0.11       | 1.87    | ppb   |
| Copper     | 63-2  | 7.20     | 6.75     | 6.74     | 6.90       | 3.84    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 108        |         | %     |
| Iron       | 56-2  | 9.71     | 9.13     | 9.60     | 9.48       | 3.24    | ppb   |
| Iron       | 57-2  | 11.02    | 11.77    | 13.08    | 11.96      | 8.75    | ppb   |
| Lead       | 206-1 | 0.37     | 0.34     | 0.27     | 0.32       | 16.10   | ppb   |
| Lead       | 207-1 | 0.34     | 0.27     | 0.26     | 0.29       | 16.22   | ppb   |
| Lead       | 208-1 | 0.35     | 0.29     | 0.27     | 0.30       | 13.42   | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 32723.63 | 32332.38 | 32795.54 | 32617.18   | 0.76    | ppb   |
| Manganese  | 55-2  | 0.57     | 0.53     | 0.52     | 0.54       | 4.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.33    | 0.20    | 0.30    | 0.28       | 24.32   | ppb   |
| Molybdenum | 95-1  | 0.79    | 0.69    | 0.77    | 0.75       | 7.32    | ppb   |
| Molybdenum | 96-1  | 0.60    | 0.73    | 0.66    | 0.66       | 9.22    | ppb   |
| Molybdenum | 97-1  | 0.64    | 0.71    | 0.72    | 0.69       | 5.82    | ppb   |
| Molybdenum | 98-1  | 0.74    | 0.80    | 0.74    | 0.76       | 4.40    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.55    | 0.60    | 0.70    | 0.62       | 12.68   | ppb   |
| Phosphorus | 31-2  | -13.46  | -2.54   | -13.43  | -9.81      |         | ppb   |
| Potassium  | 39-2  | 911.15  | 874.31  | 872.63  | 886.03     | 2.46    | ppb   |
| Rhodium    | 103-1 |         |         |         | 112        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 113        |         | %     |
| Selenium   | 82-1  | 1.32    | 0.76    | 1.07    | 1.05       | 26.76   | ppb   |
| Selenium   | 77-2  | -0.51   | -0.51   | -0.51   | -0.51      |         | ppb   |
| Selenium   | 78-2  | 0.72    | -0.93   | -1.40   | -0.53      |         | ppb   |
| Silicon    | 28-1  | 4775.84 | 4775.37 | 4810.22 | 4787.14    | 0.42    | ppb   |
| Silver     | 109-1 | 0.38    | 0.41    | 0.41    | 0.40       | 4.58    | ppb   |
| Silver     | 107-1 | 0.35    | 0.42    | 0.39    | 0.38       | 8.45    | ppb   |
| Sodium     | 23-2  | 3472.89 | 3403.70 | 3459.68 | 3445.42    | 1.07    | ppb   |
| Strontium  | 86-1  | 52.83   | 52.79   | 52.99   | 52.87      | 0.20    | ppb   |
| Strontium  | 88-1  | 53.25   | 53.20   | 52.94   | 53.13      | 0.32    | ppb   |
| Sulfur     | 34-1  | 1916.27 | 1788.24 | 2207.65 | 1970.72    | 10.91   | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 110        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 24.73   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 34.66   | ppb   |
| Tin        | 118-1 | 0.29    | 0.28    | 0.27    | 0.28       | 4.37    | ppb   |
| Titanium   | 47-1  | 0.24    | 0.06    | 0.24    | 0.18       | 57.19   | ppb   |
| Uranium    | 238-1 | 0.68    | 0.60    | 0.63    | 0.64       | 6.43    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05    | 0.05       | 5.35    | ppb   |
| Yttrium    | 89-1  |         |         |         | 110        |         | %     |
| Yttrium    | 89-2  |         |         |         | 109        |         | %     |
| Zinc       | 66-2  | 32.75   | 33.26   | 33.15   | 33.05      | 0.80    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.07    | 0.11    | 0.09       | 21.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.06    | 0.11    | 0.09       | 30.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.99     | 2.01     | 4.53     | 3.17       | 40.00   | ppb   |
| Antimony   | 121-1 | 0.27     | 0.26     | 0.26     | 0.27       | 1.27    | ppb   |
| Arsenic    | 75-2  | 0.14     | 0.20     | 0.15     | 0.16       | 21.72   | ppb   |
| Barium     | 135-1 | 284.42   | 281.04   | 283.79   | 283.08     | 0.63    | ppb   |
| Barium     | 137-1 | 287.46   | 284.16   | 285.88   | 285.83     | 0.58    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.02     | 0.05     | 0.05       | 60.09   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 6.85     | 8.31     | 7.76     | 7.64       | 9.68    | ppb   |
| Boron      | 11-1  | 8.02     | 7.75     | 7.82     | 7.86       | 1.78    | ppb   |
| Cadmium    | 106-1 | -0.58    | 1.01     | -0.37    | 0.02       | 3973.66 | ppb   |
| Cadmium    | 108-1 | 0.08     | 0.02     | 0.08     | 0.06       | 61.37   | ppb   |
| Cadmium    | 111-1 | -0.04    | 0.09     | -0.03    | 0.00       | 1457.62 | ppb   |
| Calcium    | 43-1  | 50672.39 | 50680.46 | 50248.65 | 50533.84   | 0.49    | ppb   |
| Calcium    | 44-1  | 50718.00 | 51177.11 | 50845.72 | 50913.61   | 0.47    | ppb   |
| Chromium   | 52-2  | 0.02     | -0.01    | 0.01     | 0.01       | 146.05  | ppb   |
| Cobalt     | 59-2  | 0.13     | 0.13     | 0.12     | 0.13       | 4.18    | ppb   |
| Copper     | 63-2  | 6.09     | 6.10     | 6.07     | 6.09       | 0.31    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 15.70    | 15.50    | 15.43    | 15.54      | 0.91    | ppb   |
| Iron       | 57-2  | 15.60    | 17.85    | 15.52    | 16.32      | 8.09    | ppb   |
| Lead       | 206-1 | 0.57     | 0.64     | 0.64     | 0.62       | 6.33    | ppb   |
| Lead       | 207-1 | 0.51     | 0.55     | 0.49     | 0.52       | 5.91    | ppb   |
| Lead       | 208-1 | 0.56     | 0.60     | 0.54     | 0.57       | 5.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 114        |         | %     |
| Magnesium  | 24-2  | 32048.73 | 31980.67 | 31789.33 | 31939.58   | 0.42    | ppb   |
| Manganese  | 55-2  | 0.72     | 0.79     | 0.63     | 0.71       | 11.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21    | 0.25    | 0.25    | 0.24       | 11.35   | ppb   |
| Molybdenum | 95-1  | 0.66    | 0.74    | 0.72    | 0.71       | 5.78    | ppb   |
| Molybdenum | 96-1  | 0.52    | 0.56    | 0.60    | 0.56       | 7.91    | ppb   |
| Molybdenum | 97-1  | 0.77    | 0.64    | 0.62    | 0.68       | 12.36   | ppb   |
| Molybdenum | 98-1  | 0.66    | 0.69    | 0.63    | 0.66       | 4.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.52    | 0.54    | 0.58    | 0.55       | 4.95    | ppb   |
| Phosphorus | 31-2  | -5.96   | -21.22  | -17.49  | -14.89     |         | ppb   |
| Potassium  | 39-2  | 859.62  | 829.10  | 824.37  | 837.70     | 2.28    | ppb   |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Rhodium    | 103-1 |         |         |         | 113        |         | %     |
| Scandium   | 45-1  |         |         |         | 113        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 77-2  | -0.51   | -0.51   | -0.51   | -0.51      |         | ppb   |
| Selenium   | 78-2  | 0.28    | -0.70   | 1.18    | 0.25       | 370.28  | ppb   |
| Selenium   | 82-1  | 1.34    | 0.39    | 0.64    | 0.79       | 61.92   | ppb   |
| Silicon    | 28-1  | 4601.93 | 4703.16 | 4686.42 | 4663.84    | 1.16    | ppb   |
| Silver     | 107-1 | 0.26    | 0.22    | 0.24    | 0.24       | 6.51    | ppb   |
| Silver     | 109-1 | 0.21    | 0.24    | 0.23    | 0.23       | 6.98    | ppb   |
| Sodium     | 23-2  | 3191.06 | 3216.10 | 3170.78 | 3192.64    | 0.71    | ppb   |
| Strontium  | 86-1  | 51.38   | 51.18   | 51.38   | 51.31      | 0.23    | ppb   |
| Strontium  | 88-1  | 52.81   | 51.84   | 51.44   | 52.03      | 1.35    | ppb   |
| Sulfur     | 34-1  | 1651.59 | 2012.77 | 1873.15 | 1845.84    | 9.87    | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 110        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.01       | 31.18   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 78.03   | ppb   |
| Tin        | 118-1 | 0.22    | 0.23    | 0.20    | 0.21       | 7.89    | ppb   |
| Titanium   | 47-1  | 0.19    | 0.10    | 0.12    | 0.14       | 36.01   | ppb   |
| Uranium    | 238-1 | 0.65    | 0.63    | 0.68    | 0.65       | 3.76    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.03    | 0.04    | 0.04       | 24.61   | ppb   |
| Yttrium    | 89-2  |         |         |         | 109        |         | %     |
| Yttrium    | 89-1  |         |         |         | 110        |         | %     |
| Zinc       | 66-2  | 13.79   | 13.52   | 13.71   | 13.67      | 1.01    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 7.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.02    | 0.04    | 0.05       | 62.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.12    | 1.11    | 1.55    | 1.26       | 19.63   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.01    | 0.05    | 0.03       | 62.15   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.04    | 0.03       | 49.37   | ppb   |
| Barium     | 135-1 | 0.20    | 0.20    | 0.08    | 0.16       | 41.14   | ppb   |
| Barium     | 137-1 | 0.16    | 0.19    | 0.18    | 0.18       | 9.90    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.02    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 2.95    | 2.45    | 3.76    | 3.05       | 21.54   | ppb   |
| Boron      | 11-1  | 2.83    | 2.96    | 2.55    | 2.78       | 7.44    | ppb   |
| Cadmium    | 106-1 | -0.51   | 0.73    | -1.03   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | -0.05   | -0.05   | 0.02       | 523.75  | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.06    | -0.07   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 35.98   | 32.67   | 30.25   | 32.97      | 8.73    | ppb   |
| Calcium    | 44-1  | 31.78   | 28.39   | 27.46   | 29.21      | 7.79    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.13    | 0.08    | 0.09       | 42.24   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 121.37  | ppb   |
| Copper     | 63-2  | 1.30    | 1.06    | 1.32    | 1.22       | 11.57   | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.49    | 1.51    | 1.39    | 1.47       | 4.52    | ppb   |
| Iron       | 57-2  | 0.73    | 0.93    | 0.29    | 0.65       | 50.16   | ppb   |
| Lead       | 206-1 | 0.02    | 0.04    | 0.01    | 0.02       | 56.03   | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.02    | 0.03       | 47.63   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.02    | 0.03       | 7.83    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 6.80    | 6.82    | 6.65    | 6.76       | 1.37    | ppb   |
| Manganese  | 55-2  | 0.08    | 0.12    | 0.09    | 0.10       | 22.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.04    | 0.04       | 20.68   | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.06    | 0.07    | 0.07       | 16.79   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.11    | 0.12    | 0.10       | 31.80   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.12    | 0.19    | 0.13       | 34.25   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.11    | 0.11    | 0.09       | 39.08   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.06    | 0.07    | 0.06       | 25.07   | ppb   |
| Phosphorus | 31-2  | -12.11  | 12.23   | -16.20  | -5.36      |         | ppb   |
| Potassium  | 39-2  | 6.64    | 8.42    | 7.27    | 7.44       | 12.09   | ppb   |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -0.51   | -0.51   | 0.99    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.27    | -0.21   | 2.00    | 0.69       | 168.98  | ppb   |
| Selenium   | 82-1  | 1.51    | 0.53    | -1.27   | 0.26       | 548.11  | ppb   |
| Silicon    | 28-1  | -0.60   | 0.22    | 1.57    | 0.39       | 278.73  | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.03    | 0.03       | 14.89   | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.01    | 0.02       | 50.08   | ppb   |
| Sodium     | 23-2  | 149.65  | 146.60  | 151.52  | 149.26     | 1.66    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.07    | 0.09    | 0.07       | 39.71   | ppb   |
| Strontium  | 88-1  | 0.05    | 0.05    | 0.05    | 0.05       | 7.85    | ppb   |
| Sulfur     | 34-1  | -965.32 | -890.58 | -682.82 | -846.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 364.84  | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.10    | 0.21    | 0.08    | 0.13       | 53.47   | ppb   |
| Titanium   | 47-1  | -0.03   | 0.06    | 0.05    | 0.03       | 178.84  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 144.92  | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.04    | 0.03    | 0.03       | 25.12   | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 3.40    | 3.59    | 3.75    | 3.58       | 4.83    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.02       | 10.43   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.03    | 0.02       | 71.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.14   | 0.08    | 0.29    | 0.07       | 290.39  | ppb   |
| Antimony   | 121-1 | 0.06    | 0.03    | 0.05    | 0.05       | 30.63   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.09    | 0.04    | 0.06       | 56.43   | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.00    | 0.01       | 58.38   | ppb   |
| Barium     | 137-1 | 0.00    | 0.03    | 0.00    | 0.01       | 185.03  | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.00    | 0.02       | 75.70   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1.48    | 1.52    | 1.25    | 1.42       | 10.30   | ppb   |
| Boron      | 11-1  | 1.76    | 1.69    | 1.63    | 1.69       | 3.69    | ppb   |
| Cadmium    | 106-1 | 1.54    | 0.06    | 0.28    | 0.63       | 127.32  | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.03    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 111-1 | 0.13    | 0.00    | 0.03    | 0.05       | 126.57  | ppb   |
| Calcium    | 43-1  | 2.14    | 0.06    | 2.41    | 1.54       | 83.69   | ppb   |
| Calcium    | 44-1  | 1.20    | 1.60    | -0.54   | 0.75       | 151.38  | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.05    | 0.03       | 69.09   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 79.40   | ppb   |
| Copper     | 63-2  | 0.21    | 0.20    | 0.17    | 0.19       | 11.56   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Holmium    | 165-1 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 0.26    | 0.31    | 0.32    | 0.30       | 10.31   | ppb   |
| Iron       | 57-2  | 0.15    | 0.80    | 0.55    | 0.50       | 65.87   | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | 256.70  | ppb   |
| Lead       | 207-1 | 0.03    | 0.01    | 0.07    | 0.04       | 70.38   | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.02    | 0.02       | 43.58   | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 0.37    | 1.18    | 1.16    | 0.91       | 50.78   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.02    | 0.02    | 0.02       | 17.04   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.04    | 0.04    | 0.04       | 4.86    | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.08    | 0.05    | 0.07       | 22.21   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.05    | 0.07    | 0.06       | 21.24   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.04    | 0.05    | 0.05       | 25.47   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.05    | 0.08    | 0.06       | 34.80   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.01    | 0.00       | 792.49  | ppb   |
| Phosphorus | 31-2  | -19.80  | -7.29   | -11.66  | -12.92     |         | ppb   |
| Potassium  | 39-2  | 6.22    | 3.20    | 6.33    | 5.25       | 33.82   | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 82-1  | 0.30    | -0.57   | 0.56    | 0.10       | 610.62  | ppb   |
| Selenium   | 77-2  | 1.06    | -0.51   | -0.51   | 0.01       | 7670.54 | ppb   |
| Selenium   | 78-2  | 1.46    | 1.18    | -0.67   | 0.66       | 177.14  | ppb   |
| Silicon    | 28-1  | 4.61    | 0.66    | 0.80    | 2.03       | 110.80  | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.64   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.61   | ppb   |
| Sodium     | 23-2  | 18.83   | 18.10   | 19.30   | 18.74      | 3.21    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.08    | -0.01   | 0.04       | 112.32  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -25.37  | -437.69 | -332.20 | -265.09    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 95         |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.50   | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.02    | 0.04    | 0.02    | 0.03       | 56.50   | ppb   |
| Titanium   | 47-1  | -0.03   | -0.08   | -0.11   | -0.07      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 294.13  | ppb   |
| Yttrium    | 89-1  |         |         |         | 94         |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.13    | 0.36    | 0.12    | 0.20       | 68.45   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.01    | 0.02       | 29.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 53.20   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9551.77  | 9707.99  | 9652.48  | 9637.41    | 0.82    | ppb   |
| Antimony   | 121-1 | 487.61   | 479.14   | 478.11   | 481.62     | 1.08    | ppb   |
| Arsenic    | 75-2  | 481.27   | 479.70   | 486.59   | 482.52     | 0.75    | ppb   |
| Barium     | 135-1 | 2473.39  | 2420.52  | 2432.42  | 2442.11    | 1.14    | ppb   |
| Barium     | 137-1 | 2438.45  | 2429.32  | 2420.76  | 2429.51    | 0.36    | ppb   |
| Beryllium  | 9-1   | 488.28   | 486.64   | 490.93   | 488.62     | 0.44    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 453.51   | 473.36   | 478.09   | 468.32     | 2.78    | ppb   |
| Boron      | 11-1  | 450.32   | 466.70   | 471.89   | 462.97     | 2.43    | ppb   |
| Cadmium    | 106-1 | 492.14   | 470.35   | 469.14   | 477.21     | 2.71    | ppb   |
| Cadmium    | 108-1 | 499.94   | 487.49   | 486.13   | 491.19     | 1.55    | ppb   |
| Cadmium    | 111-1 | 493.38   | 486.18   | 487.42   | 488.99     | 0.79    | ppb   |
| Calcium    | 43-1  | 47232.97 | 47448.44 | 47680.26 | 47453.89   | 0.47    | ppb   |
| Calcium    | 44-1  | 46403.72 | 46696.08 | 46808.53 | 46636.11   | 0.45    | ppb   |
| Chromium   | 52-2  | 493.60   | 490.21   | 493.48   | 492.43     | 0.39    | ppb   |
| Cobalt     | 59-2  | 493.72   | 499.69   | 501.06   | 498.16     | 0.78    | ppb   |
| Copper     | 63-2  | 994.90   | 1007.23  | 1016.81  | 1006.31    | 1.09    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 22793.03 | 22807.38 | 22940.48 | 22846.96   | 0.36    | ppb   |
| Iron       | 57-2  | 23111.28 | 23166.22 | 23489.89 | 23255.80   | 0.88    | ppb   |
| Lead       | 206-1 | 492.45   | 491.94   | 493.90   | 492.76     | 0.21    | ppb   |
| Lead       | 207-1 | 484.10   | 487.31   | 490.53   | 487.32     | 0.66    | ppb   |
| Lead       | 208-1 | 486.88   | 487.90   | 489.30   | 488.03     | 0.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 47830.19 | 47885.68 | 47722.41 | 47812.76   | 0.17    | ppb   |
| Manganese  | 55-2  | 982.54   | 992.37   | 996.67   | 990.53     | 0.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 490.63   | 494.71   | 492.49   | 492.61     | 0.41    | ppb   |
| Molybdenum | 95-1  | 493.79   | 495.09   | 493.94   | 494.27     | 0.14    | ppb   |
| Molybdenum | 96-1  | 495.09   | 494.42   | 493.66   | 494.39     | 0.14    | ppb   |
| Molybdenum | 97-1  | 492.81   | 494.15   | 491.14   | 492.70     | 0.31    | ppb   |
| Molybdenum | 98-1  | 493.89   | 495.33   | 493.07   | 494.10     | 0.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 494.21   | 492.54   | 497.21   | 494.65     | 0.48    | ppb   |
| Phosphorus | 31-2  | 9719.55  | 9823.28  | 9795.05  | 9779.29    | 0.55    | ppb   |
| Potassium  | 39-2  | 23466.83 | 23763.50 | 23671.92 | 23634.08   | 0.64    | ppb   |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 464.08   | 434.91   | 449.48   | 449.49     | 3.24    | ppb   |
| Selenium   | 78-2  | 476.89   | 490.05   | 483.90   | 483.61     | 1.36    | ppb   |
| Selenium   | 82-1  | 490.65   | 487.25   | 493.61   | 490.50     | 0.65    | ppb   |
| Silicon    | 28-1  | 520.23   | 526.59   | 532.73   | 526.52     | 1.19    | ppb   |
| Silver     | 109-1 | 493.17   | 482.84   | 485.72   | 487.25     | 1.09    | ppb   |
| Silver     | 107-1 | 489.63   | 484.52   | 488.34   | 487.50     | 0.54    | ppb   |
| Sodium     | 23-2  | 48323.71 | 48264.63 | 48133.17 | 48240.50   | 0.20    | ppb   |
| Strontium  | 86-1  | 489.65   | 488.31   | 488.28   | 488.74     | 0.16    | ppb   |
| Strontium  | 88-1  | 482.66   | 485.79   | 486.81   | 485.08     | 0.45    | ppb   |
| Sulfur     | 34-1  | 9735.25  | 9704.12  | 9920.85  | 9786.74    | 1.20    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 491.91   | 495.87   | 490.10   | 492.63     | 0.60    | ppb   |
| Thallium   | 205-1 | 489.60   | 489.41   | 489.65   | 489.55     | 0.03    | ppb   |
| Tin        | 118-1 | 496.63   | 490.79   | 491.90   | 493.11     | 0.63    | ppb   |
| Titanium   | 47-1  | 491.73   | 484.20   | 489.25   | 488.39     | 0.79    | ppb   |
| Uranium    | 238-1 | 475.14   | 484.36   | 483.00   | 480.83     | 1.04    | ppb   |
| Vanadium   | 51-2  | 489.47   | 489.18   | 492.58   | 490.41     | 0.38    | ppb   |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 989.06   | 995.42   | 1004.23  | 996.23     | 0.76    | ppb   |
| Zirconium  | 90-1  | 477.44   | 480.70   | 482.02   | 480.05     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 493.93  | 498.18  | 498.49  | 496.87     | 0.51    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10072.66 | 9793.11  | 9985.32  | 9950.37    | 1.44    | ppb   |
| Antimony   | 121-1 | 499.15   | 498.46   | 492.64   | 496.75     | 0.72    | ppb   |
| Arsenic    | 75-2  | 495.42   | 491.23   | 487.72   | 491.46     | 0.78    | ppb   |
| Barium     | 135-1 | 2497.29  | 2467.46  | 2461.10  | 2475.28    | 0.78    | ppb   |
| Barium     | 137-1 | 2475.06  | 2472.61  | 2445.09  | 2464.25    | 0.68    | ppb   |
| Beryllium  | 9-1   | 488.25   | 494.20   | 498.47   | 493.64     | 1.04    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 468.14   | 476.52   | 494.39   | 479.68     | 2.79    | ppb   |
| Boron      | 11-1  | 473.72   | 480.51   | 494.80   | 483.01     | 2.23    | ppb   |
| Cadmium    | 106-1 | 497.05   | 497.75   | 482.82   | 492.54     | 1.71    | ppb   |
| Cadmium    | 108-1 | 505.74   | 488.83   | 496.90   | 497.16     | 1.70    | ppb   |
| Cadmium    | 111-1 | 501.52   | 500.99   | 497.17   | 499.90     | 0.47    | ppb   |
| Calcium    | 43-1  | 48298.30 | 48221.74 | 48837.64 | 48452.56   | 0.69    | ppb   |
| Calcium    | 44-1  | 47110.16 | 47472.77 | 47998.79 | 47527.24   | 0.94    | ppb   |
| Chromium   | 52-2  | 506.51   | 501.78   | 502.83   | 503.71     | 0.49    | ppb   |
| Cobalt     | 59-2  | 513.03   | 505.34   | 509.78   | 509.39     | 0.76    | ppb   |
| Copper     | 63-2  | 1036.17  | 1023.78  | 1029.09  | 1029.68    | 0.60    | ppb   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 23759.63 | 23192.54 | 23205.50 | 23385.89   | 1.38    | ppb   |
| Iron       | 57-2  | 23915.41 | 23630.13 | 23741.20 | 23762.24   | 0.61    | ppb   |
| Lead       | 206-1 | 503.10   | 502.82   | 503.09   | 503.00     | 0.03    | ppb   |
| Lead       | 207-1 | 500.33   | 494.23   | 499.20   | 497.92     | 0.65    | ppb   |
| Lead       | 208-1 | 500.20   | 496.00   | 499.33   | 498.51     | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 49463.16 | 49003.80 | 48981.42 | 49149.46   | 0.55    | ppb   |
| Manganese  | 55-2  | 1012.00  | 1005.72  | 1013.47  | 1010.39    | 0.41    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 503.73   | 499.64   | 507.26   | 503.54     | 0.76    | ppb   |
| Molybdenum | 95-1  | 507.04   | 502.05   | 508.97   | 506.02     | 0.71    | ppb   |
| Molybdenum | 96-1  | 504.34   | 500.96   | 509.51   | 504.94     | 0.85    | ppb   |
| Molybdenum | 97-1  | 504.83   | 497.49   | 507.92   | 503.41     | 1.06    | ppb   |
| Molybdenum | 98-1  | 510.86   | 504.03   | 509.60   | 508.16     | 0.72    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 511.86   | 503.68   | 509.10   | 508.21     | 0.82    | ppb   |
| Phosphorus | 31-2  | 9818.10  | 10187.63 | 10159.56 | 10055.10   | 2.05    | ppb   |
| Potassium  | 39-2  | 24343.89 | 23953.28 | 24362.48 | 24219.88   | 0.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 82-1  | 502.88   | 498.83   | 497.16   | 499.62     | 0.59    | ppb   |
| Selenium   | 77-2  | 477.13   | 468.87   | 485.19   | 477.06     | 1.71    | ppb   |
| Selenium   | 78-2  | 494.89   | 500.80   | 489.00   | 494.90     | 1.19    | ppb   |
| Silicon    | 28-1  | 516.93   | 524.82   | 521.37   | 521.04     | 0.76    | ppb   |
| Silver     | 109-1 | 500.45   | 496.31   | 494.14   | 496.97     | 0.65    | ppb   |
| Silver     | 107-1 | 499.57   | 492.96   | 493.74   | 495.42     | 0.73    | ppb   |
| Sodium     | 23-2  | 50051.04 | 48763.67 | 49377.21 | 49397.31   | 1.30    | ppb   |
| Strontium  | 86-1  | 503.22   | 498.79   | 503.33   | 501.78     | 0.52    | ppb   |
| Strontium  | 88-1  | 498.08   | 496.27   | 496.36   | 496.90     | 0.20    | ppb   |
| Sulfur     | 34-1  | 9499.59  | 9573.27  | 9616.92  | 9563.26    | 0.62    | ppb   |
| Terbium    | 159-1 |          |          |          | 96         |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 503.85   | 497.49   | 504.92   | 502.09     | 0.80    | ppb   |
| Thallium   | 205-1 | 499.70   | 496.89   | 497.88   | 498.16     | 0.29    | ppb   |
| Tin        | 118-1 | 506.29   | 503.73   | 503.01   | 504.34     | 0.34    | ppb   |
| Titanium   | 47-1  | 494.12   | 491.78   | 503.66   | 496.52     | 1.27    | ppb   |
| Uranium    | 238-1 | 486.88   | 490.62   | 487.54   | 488.35     | 0.41    | ppb   |
| Vanadium   | 51-2  | 502.20   | 499.68   | 502.19   | 501.36     | 0.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 1026.04  | 1009.61  | 1023.61  | 1019.75    | 0.87    | ppb   |
| Zirconium  | 90-1  | 491.86   | 485.18   | 493.64   | 490.22     | 0.91    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 509.32  | 503.06  | 508.45  | 506.94     | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.07    | 0.50    | 0.07    | 0.21       | 114.31  | ppb   |
| Antimony   | 121-1 | 1.06    | 1.48    | 1.51    | 1.35       | 18.54   | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.16    | 0.12    | 0.14       | 15.64   | ppb   |
| Barium     | 135-1 | 0.07    | 0.06    | 0.06    | 0.06       | 9.27    | ppb   |
| Barium     | 137-1 | 0.08    | 0.04    | 0.06    | 0.06       | 33.34   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.07    | 0.06    | 0.08       | 15.75   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 5.59    | 6.24    | 5.98    | 5.94       | 5.49    | ppb   |
| Boron      | 11-1  | 5.26    | 5.43    | 5.44    | 5.37       | 1.83    | ppb   |
| Cadmium    | 106-1 | -0.28   | -2.09   | 0.30    | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.03    | 0.03    | 0.05       | 82.13   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.15   | 0.03    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4.06    | 0.93    | -0.47   | 1.50       | 154.09  | ppb   |
| Calcium    | 44-1  | 1.19    | 2.35    | 0.80    | 1.45       | 55.52   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | 0.01    | 0.02       | 71.29   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.16   | ppb   |
| Copper     | 63-2  | 0.09    | 0.06    | 0.04    | 0.06       | 38.15   | ppb   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.62    | 0.75    | 0.60    | 0.66       | 12.33   | ppb   |
| Iron       | 57-2  | -0.56   | -0.80   | 0.09    | -0.42      |         | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | 0.03    | 0.00       | 501.18  | ppb   |
| Lead       | 207-1 | -0.01   | 0.02    | 0.02    | 0.01       | 161.62  | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.02    | 0.02       | 15.42   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.00    | 0.82    | 0.74    | 0.85       | 15.75   | ppb   |
| Manganese  | 55-2  | 0.05    | 0.05    | 0.03    | 0.05       | 26.70   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.20    | 0.17    | 0.16       | 23.85   | ppb   |
| Molybdenum | 95-1  | 0.28    | 0.40    | 0.38    | 0.35       | 17.97   | ppb   |
| Molybdenum | 96-1  | 0.25    | 0.38    | 0.45    | 0.36       | 28.38   | ppb   |
| Molybdenum | 97-1  | 0.27    | 0.34    | 0.36    | 0.32       | 15.77   | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.41    | 0.40    | 0.37       | 18.04   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 9.38    | -11.91  | -11.83  | -4.79      |         | ppb   |
| Potassium  | 39-2  | 4.37    | 3.34    | -0.90   | 2.27       | 123.22  | ppb   |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | -0.51   | -0.51   | -0.51   | -0.51      |         | ppb   |
| Selenium   | 78-2  | 1.10    | 1.31    | -0.45   | 0.65       | 146.77  | ppb   |
| Selenium   | 82-1  | 1.08    | 0.96    | 1.22    | 1.09       | 12.33   | ppb   |
| Silicon    | 28-1  | 0.04    | 7.34    | 3.85    | 3.74       | 97.61   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 41.37   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.03    | 0.02       | 77.19   | ppb   |
| Sodium     | 23-2  | 7.37    | 9.09    | 7.23    | 7.90       | 13.08   | ppb   |
| Strontium  | 86-1  | 0.01    | -0.11   | 0.08    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -972.14 | -424.06 | -679.00 | -691.73    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.04    | 0.03       | 21.62   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.02    | 0.02    | 0.02       | 62.76   | ppb   |
| Tin        | 118-1 | 0.13    | 0.19    | 0.25    | 0.19       | 30.61   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.13   | -0.11   | -0.08      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 67.10   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.00       | 152.92  | ppb   |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.25    | 0.09    | 0.16    | 0.17       | 46.43   | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.06    | 0.08    | 0.06       | 24.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.08    | 0.04    | 0.05       | 57.63   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 58      | 50      | 75      | 61      | 20.83  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Barium     | 137-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Beryllium  | 9-1   | 22      | 17      | 6       | 15      | 57.25  | cps   |
| Bismuth    | 209-1 | 1808369 | 1821843 | 1805725 | 1811979 | 0.48   | cps   |
| Bismuth    | 209-2 | 1203155 | 1214479 | 1225150 | 1214261 | 0.91   | cps   |
| Boron      | 10-1  | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Boron      | 11-1  | 133     | 50      | 117     | 100     | 44.10  | cps   |
| Cadmium    | 106-1 | 833     | 808     | 950     | 864     | 8.75   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Cadmium    | 111-1 | 580     | 570     | 662     | 604     | 8.35   | cps   |
| Calcium    | 43-1  | 50      | 100     | 100     | 83      | 34.64  | cps   |
| Calcium    | 44-1  | 4101    | 3817    | 4117    | 4012    | 4.20   | cps   |
| Chromium   | 52-2  | 283     | 277     | 267     | 276     | 3.04   | cps   |
| Cobalt     | 59-2  | 43      | 27      | 37      | 36      | 23.58  | cps   |
| Copper     | 63-2  | 120     | 120     | 157     | 132     | 16.01  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-1 | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Holmium    | 165-1 | 3083391 | 3109694 | 3073003 | 3088696 | 0.61   | cps   |
| Holmium    | 165-2 | 1756467 | 1783780 | 1786849 | 1775699 | 0.94   | cps   |
| Indium     | 115-2 | 545191  | 547847  | 550095  | 547711  | 0.45   | cps   |
| Indium     | 115-1 | 2797878 | 2797367 | 2804250 | 2799832 | 0.14   | cps   |
| Iron       | 56-2  | 1406    | 1367    | 1395    | 1389    | 1.44   | cps   |
| Iron       | 57-2  | 44      | 33      | 50      | 43      | 19.93  | cps   |
| Lead       | 206-1 | 244     | 250     | 161     | 219     | 22.79  | cps   |
| Lead       | 207-1 | 200     | 189     | 128     | 172     | 22.58  | cps   |
| Lead       | 208-1 | 800     | 911     | 644     | 785     | 17.06  | cps   |
| Lithium    | 6-1   | 495585  | 486578  | 485756  | 489307  | 1.11   | cps   |
| Magnesium  | 24-2  | 92      | 75      | 133     | 100     | 30.05  | cps   |
| Manganese  | 55-2  | 17      | 20      | 13      | 17      | 20.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 125     | 8       | 78      | 78.98   | cps   |
| Molybdenum | 95-1  | 17      | 42      | 25      | 28      | 45.82   | cps   |
| Molybdenum | 96-1  | 67      | 33      | 67      | 56      | 34.65   | cps   |
| Molybdenum | 97-1  | 25      | 25      | 33      | 28      | 17.31   | cps   |
| Molybdenum | 98-1  | 42      | 58      | 42      | 47      | 20.38   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 17      | 27      | 7       | 17      | 59.99   | cps   |
| Phosphorus | 31-2  | 75      | 33      | 42      | 50      | 44.10   | cps   |
| Potassium  | 39-2  | 8603    | 9378    | 8978    | 8986    | 4.32    | cps   |
| Rhodium    | 103-1 | 2763142 | 2761012 | 2770683 | 2764946 | 0.18    | cps   |
| Rhodium    | 103-2 | 1406518 | 1425624 | 1433344 | 1421829 | 0.97    | cps   |
| Scandium   | 45-1  | 2692401 | 2697715 | 2674319 | 2688145 | 0.46    | cps   |
| Scandium   | 45-2  | 116311  | 117605  | 118922  | 117613  | 1.11    | cps   |
| Selenium   | 82-1  | -47     | 4       | -90     | -44     | -106.65 | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 28      | 28      | 26      | 27      | 3.93    | cps   |
| Silicon    | 28-1  | 275733  | 276861  | 275757  | 276117  | 0.23    | cps   |
| Silver     | 109-1 | 0       | 17      | 33      | 17      | 99.99   | cps   |
| Silver     | 107-1 | 17      | 17      | 8       | 14      | 34.67   | cps   |
| Sodium     | 23-2  | 8069    | 8528    | 8019    | 8205    | 3.42    | cps   |
| Strontium  | 86-1  | 783     | 617     | 767     | 722     | 12.71   | cps   |
| Strontium  | 88-1  | 92      | 92      | 133     | 106     | 22.79   | cps   |
| Sulfur     | 34-1  | 178539  | 177596  | 173633  | 176590  | 1.47    | cps   |
| Terbium    | 159-1 | 3342344 | 3305129 | 3322893 | 3323455 | 0.56    | cps   |
| Terbium    | 159-2 | 1806498 | 1814401 | 1826376 | 1815758 | 0.55    | cps   |
| Thallium   | 203-1 | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Thallium   | 205-1 | 25      | 75      | 67      | 56      | 48.22   | cps   |
| Tin        | 118-1 | 167     | 175     | 217     | 186     | 14.40   | cps   |
| Titanium   | 47-1  | 158     | 108     | 75      | 114     | 36.83   | cps   |
| Uranium    | 238-1 | 17      | 33      | 25      | 25      | 33.32   | cps   |
| Vanadium   | 51-2  | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Yttrium    | 89-1  | 3581597 | 3581680 | 3576850 | 3580042 | 0.08    | cps   |
| Yttrium    | 89-2  | 508361  | 514189  | 516070  | 512873  | 0.78    | cps   |
| Zinc       | 66-2  | 23      | 17      | 37      | 26      | 39.85   | cps   |
| Zirconium  | 90-1  | 233     | 142     | 167     | 181     | 26.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:00:43 | DataFile Name :   | 002CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 25   | 58   | 42   | 42      | 40.00  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 833     | 1125    | 725     | 895     | 23.13  | cps   |
| Antimony   | 121-1 | 6093    | 6460    | 6268    | 6274    | 2.92   | cps   |
| Arsenic    | 75-2  | 119     | 111     | 144     | 125     | 14.04  | cps   |
| Barium     | 135-1 | 7778    | 7402    | 7752    | 7644    | 2.74   | cps   |
| Barium     | 137-1 | 12998   | 13482   | 13440   | 13307   | 2.01   | cps   |
| Beryllium  | 9-1   | 656     | 644     | 572     | 624     | 7.25   | cps   |
| Bismuth    | 209-1 | 1904764 | 1869358 | 1882516 | 1885546 | 0.95   | cps   |
| Bismuth    | 209-2 | 1243436 | 1252234 | 1257101 | 1250923 | 0.55   | cps   |
| Boron      | 10-1  | 2725    | 2700    | 2375    | 2600    | 7.51   | cps   |
| Boron      | 11-1  | 11989   | 12497   | 12431   | 12305   | 2.25   | cps   |
| Cadmium    | 106-1 | 900     | 1008    | 867     | 925     | 8.01   | cps   |
| Cadmium    | 108-1 | 63      | 67      | 63      | 64      | 3.77   | cps   |
| Cadmium    | 111-1 | 1386    | 1284    | 1317    | 1329    | 3.92   | cps   |
| Calcium    | 43-1  | 7185    | 6718    | 7069    | 6991    | 3.48   | cps   |
| Calcium    | 44-1  | 113525  | 112417  | 111391  | 112444  | 0.95   | cps   |
| Chromium   | 52-2  | 2914    | 3054    | 2864    | 2944    | 3.35   | cps   |
| Cobalt     | 59-2  | 2060    | 2214    | 2027    | 2100    | 4.74   | cps   |
| Copper     | 63-2  | 2727    | 2794    | 2870    | 2797    | 2.57   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Dysprosium | 156-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 50      | 17      | 31      | 56.77  | cps   |
| Erbium     | 164-2 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Holmium    | 165-1 | 3078698 | 3088663 | 3069275 | 3078879 | 0.31   | cps   |
| Holmium    | 165-2 | 1808425 | 1831946 | 1840531 | 1826967 | 0.91   | cps   |
| Indium     | 115-1 | 2892749 | 2883112 | 2886944 | 2887602 | 0.17   | cps   |
| Indium     | 115-2 | 562454  | 564591  | 564664  | 563903  | 0.22   | cps   |
| Iron       | 56-2  | 50046   | 50899   | 50241   | 50396   | 0.89   | cps   |
| Iron       | 57-2  | 1239    | 1278    | 1222    | 1246    | 2.29   | cps   |
| Lead       | 206-1 | 2267    | 2084    | 2250    | 2200    | 4.61   | cps   |
| Lead       | 207-1 | 1900    | 1789    | 2145    | 1945    | 9.36   | cps   |
| Lead       | 208-1 | 8718    | 8418    | 8896    | 8677    | 2.78   | cps   |
| Lithium    | 6-1   | 506845  | 504291  | 500670  | 503935  | 0.62   | cps   |
| Magnesium  | 24-2  | 51916   | 53363   | 52342   | 52540   | 1.42   | cps   |
| Manganese  | 55-2  | 663     | 627     | 710     | 667     | 6.27   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7335    | 6610    | 7344    | 7096    | 5.94   | cps   |
| Molybdenum | 95-1  | 8886    | 8911    | 8861    | 8886    | 0.28   | cps   |
| Molybdenum | 96-1  | 9845    | 9962    | 9704    | 9837    | 1.32   | cps   |
| Molybdenum | 97-1  | 5526    | 5601    | 5643    | 5590    | 1.06   | cps   |
| Molybdenum | 98-1  | 14358   | 14408   | 14224   | 14330   | 0.66   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 477     | 593     | 470     | 513     | 13.51  | cps   |
| Phosphorus | 31-2  | 108     | 50      | 92      | 83      | 36.06  | cps   |
| Potassium  | 39-2  | 53530   | 52150   | 53698   | 53126   | 1.60   | cps   |
| Rhodium    | 103-2 | 1450829 | 1459765 | 1458312 | 1456302 | 0.33   | cps   |
| Rhodium    | 103-1 | 2858350 | 2838654 | 2842558 | 2846521 | 0.37   | cps   |
| Scandium   | 45-1  | 2746417 | 2727894 | 2734819 | 2736376 | 0.34   | cps   |
| Scandium   | 45-2  | 119255  | 120794  | 119554  | 119868  | 0.68   | cps   |
| Selenium   | 77-2  | 13      | 10      | 3       | 9       | 57.30  | cps   |
| Selenium   | 78-2  | 59      | 50      | 65      | 58      | 12.90  | cps   |
| Selenium   | 82-1  | 340     | 256     | 251     | 282     | 17.74  | cps   |
| Silicon    | 28-1  | 295444  | 297089  | 294377  | 295637  | 0.46   | cps   |
| Silver     | 109-1 | 2659    | 2925    | 2917    | 2834    | 5.35   | cps   |
| Silver     | 107-1 | 2784    | 2825    | 2867    | 2825    | 1.47   | cps   |
| Sodium     | 23-2  | 110740  | 110487  | 110705  | 110644  | 0.12   | cps   |
| Strontium  | 86-1  | 2017    | 1950    | 2175    | 2047    | 5.65   | cps   |
| Strontium  | 88-1  | 10771   | 11363   | 11397   | 11177   | 3.15   | cps   |
| Sulfur     | 34-1  | 178177  | 181567  | 181313  | 180352  | 1.05   | cps   |
| Terbium    | 159-1 | 3321894 | 3301369 | 3323231 | 3315498 | 0.37   | cps   |
| Terbium    | 159-2 | 1851964 | 1885234 | 1870899 | 1869366 | 0.89   | cps   |
| Thallium   | 203-1 | 2300    | 2417    | 2200    | 2306    | 4.70   | cps   |
| Thallium   | 205-1 | 5476    | 5660    | 5568    | 5568    | 1.65   | cps   |
| Tin        | 118-1 | 13115   | 12222   | 12623   | 12653   | 3.53   | cps   |
| Titanium   | 47-1  | 3217    | 3242    | 3142    | 3200    | 1.63   | cps   |
| Uranium    | 238-1 | 8812    | 9362    | 9137    | 9104    | 3.04   | cps   |
| Vanadium   | 51-2  | 5568    | 5514    | 5531    | 5538    | 0.49   | cps   |
| Yttrium    | 89-2  | 524800  | 523956  | 525740  | 524832  | 0.17   | cps   |
| Yttrium    | 89-1  | 3579307 | 3544423 | 3590765 | 3571498 | 0.68   | cps   |
| Zinc       | 66-2  | 360     | 340     | 333     | 344     | 4.03   | cps   |
| Zirconium  | 90-1  | 5009    | 5351    | 4234    | 4865    | 11.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:08:33 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1150 | 942  | 1200 | 1097    | 12.49  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 39127   | 39762   | 40280   | 39723   | 1.45   | cps   |
| Antimony   | 121-1 | 138317  | 135347  | 134237  | 135967  | 1.55   | cps   |
| Arsenic    | 75-2  | 5953    | 6036    | 6470    | 6153    | 4.51   | cps   |
| Barium     | 135-1 | 199106  | 200009  | 201337  | 200151  | 0.56   | cps   |
| Barium     | 137-1 | 346119  | 347249  | 344660  | 346009  | 0.38   | cps   |
| Beryllium  | 9-1   | 32669   | 32624   | 32697   | 32663   | 0.11   | cps   |
| Bismuth    | 209-2 | 1233446 | 1253431 | 1253601 | 1246826 | 0.93   | cps   |
| Bismuth    | 209-1 | 1911877 | 1921176 | 1909003 | 1914019 | 0.33   | cps   |
| Boron      | 10-1  | 4643    | 4909    | 4868    | 4807    | 2.99   | cps   |
| Boron      | 11-1  | 24112   | 24780   | 25188   | 24693   | 2.20   | cps   |
| Cadmium    | 106-1 | 5084    | 4543    | 5376    | 5001    | 8.46   | cps   |
| Cadmium    | 108-1 | 2817    | 2775    | 2821    | 2805    | 0.90   | cps   |
| Cadmium    | 111-1 | 38736   | 38599   | 38733   | 38689   | 0.20   | cps   |
| Calcium    | 43-1  | 70226   | 70200   | 68652   | 69692   | 1.29   | cps   |
| Calcium    | 44-1  | 1114911 | 1116443 | 1106977 | 1112777 | 0.46   | cps   |
| Chromium   | 52-2  | 67735   | 67979   | 67995   | 67903   | 0.22   | cps   |
| Cobalt     | 59-2  | 99508   | 101263  | 101279  | 100683  | 1.01   | cps   |
| Copper     | 63-2  | 134632  | 134259  | 136266  | 135052  | 0.79   | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Dysprosium | 156-1 | 17      | 33      | 25      | 25      | 33.32  | cps   |
| Erbium     | 164-1 | 25      | 17      | 0       | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 8       | 17      | 42      | 22      | 78.07  | cps   |
| Holmium    | 165-1 | 3069871 | 3082604 | 3051815 | 3068097 | 0.50   | cps   |
| Holmium    | 165-2 | 1822842 | 1841974 | 1842311 | 1835709 | 0.61   | cps   |
| Indium     | 115-2 | 558961  | 559261  | 560064  | 559429  | 0.10   | cps   |
| Indium     | 115-1 | 2898987 | 2904020 | 2891658 | 2898222 | 0.21   | cps   |
| Iron       | 56-2  | 2432797 | 2419796 | 2453659 | 2435417 | 0.70   | cps   |
| Iron       | 57-2  | 62159   | 61529   | 62433   | 62040   | 0.75   | cps   |
| Lead       | 206-1 | 100304  | 101064  | 99806   | 100391  | 0.63   | cps   |
| Lead       | 207-1 | 91268   | 91967   | 93286   | 92174   | 1.11   | cps   |
| Lead       | 208-1 | 410652  | 413441  | 413005  | 412366  | 0.36   | cps   |
| Lithium    | 6-1   | 511245  | 502907  | 507538  | 507230  | 0.82   | cps   |
| Magnesium  | 24-2  | 523150  | 525851  | 534473  | 527825  | 1.12   | cps   |
| Manganese  | 55-2  | 68351   | 67246   | 67598   | 67732   | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 179326  | 176839  | 173693  | 176619  | 1.60   | cps   |
| Molybdenum | 95-1  | 94906   | 91182   | 92700   | 92930   | 2.02   | cps   |
| Molybdenum | 96-1  | 118590  | 118295  | 117438  | 118107  | 0.51   | cps   |
| Molybdenum | 97-1  | 58672   | 57584   | 58595   | 58284   | 1.04   | cps   |
| Molybdenum | 98-1  | 147674  | 147802  | 146916  | 147464  | 0.32   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Nickel     | 60-2  | 25910   | 25840   | 26113   | 25954   | 0.55   | cps   |
| Phosphorus | 31-2  | 1909    | 2142    | 2059    | 2036    | 5.81   | cps   |
| Potassium  | 39-2  | 230960  | 235838  | 234754  | 233851  | 1.10   | cps   |
| Rhodium    | 103-1 | 2833146 | 2839391 | 2830280 | 2834272 | 0.16   | cps   |
| Rhodium    | 103-2 | 1437631 | 1446992 | 1446757 | 1443794 | 0.37   | cps   |
| Scandium   | 45-1  | 2730153 | 2753986 | 2736709 | 2740283 | 0.45   | cps   |
| Scandium   | 45-2  | 116990  | 117454  | 118516  | 117653  | 0.66   | cps   |
| Selenium   | 82-1  | 2806    | 2596    | 2755    | 2719    | 4.04   | cps   |
| Selenium   | 77-2  | 103     | 93      | 100     | 99      | 5.15   | cps   |
| Selenium   | 78-2  | 400     | 502     | 396     | 433     | 13.84  | cps   |
| Silicon    | 28-1  | 425272  | 425835  | 418897  | 423335  | 0.91   | cps   |
| Silver     | 107-1 | 195184  | 193605  | 191645  | 193478  | 0.92   | cps   |
| Silver     | 109-1 | 183306  | 184107  | 180907  | 182773  | 0.91   | cps   |
| Sodium     | 23-2  | 1039820 | 1051163 | 1056611 | 1049198 | 0.82   | cps   |
| Strontium  | 86-1  | 68898   | 68615   | 69083   | 68865   | 0.34   | cps   |
| Strontium  | 88-1  | 593628  | 591337  | 586736  | 590567  | 0.59   | cps   |
| Sulfur     | 34-1  | 196039  | 193919  | 195102  | 195020  | 0.54   | cps   |
| Terbium    | 159-2 | 1851239 | 1867707 | 1875236 | 1864727 | 0.66   | cps   |
| Terbium    | 159-1 | 3324774 | 3305227 | 3277269 | 3302423 | 0.72   | cps   |
| Thallium   | 203-1 | 122713  | 121172  | 119399  | 121095  | 1.37   | cps   |
| Thallium   | 205-1 | 285979  | 288175  | 289046  | 287733  | 0.55   | cps   |
| Tin        | 118-1 | 131534  | 131526  | 130636  | 131232  | 0.39   | cps   |
| Titanium   | 47-1  | 32737   | 33640   | 33280   | 33219   | 1.37   | cps   |
| Uranium    | 238-1 | 451755  | 453260  | 456230  | 453748  | 0.50   | cps   |
| Vanadium   | 51-2  | 57063   | 58027   | 58023   | 57705   | 0.96   | cps   |
| Yttrium    | 89-1  | 3527086 | 3533612 | 3534868 | 3531855 | 0.12   | cps   |
| Yttrium    | 89-2  | 517898  | 514575  | 520315  | 517596  | 0.56   | cps   |
| Zinc       | 66-2  | 16620   | 16570   | 16897   | 16695   | 1.05   | cps   |
| Zirconium  | 90-1  | 340453  | 334463  | 334879  | 336598  | 0.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:12:26 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 74033 | 76722 | 75591 | 75449   | 1.79   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 99925   | 98901   | 101359  | 100062  | 1.23   | cps   |
| Antimony   | 121-1 | 388955  | 386757  | 379522  | 385078  | 1.28   | cps   |
| Arsenic    | 75-2  | 15419   | 15525   | 15764   | 15570   | 1.13   | cps   |
| Barium     | 135-1 | 500824  | 500437  | 501119  | 500793  | 0.07   | cps   |
| Barium     | 137-1 | 863868  | 856752  | 861578  | 860733  | 0.42   | cps   |
| Beryllium  | 9-1   | 81267   | 80675   | 82250   | 81397   | 0.98   | cps   |
| Bismuth    | 209-2 | 1224863 | 1240016 | 1250106 | 1238328 | 1.03   | cps   |
| Bismuth    | 209-1 | 1874946 | 1921666 | 1917517 | 1904710 | 1.36   | cps   |
| Boron      | 10-1  | 11255   | 12322   | 12197   | 11925   | 4.89   | cps   |
| Boron      | 11-1  | 60873   | 62404   | 63074   | 62117   | 1.82   | cps   |
| Cadmium    | 106-1 | 10896   | 11121   | 11614   | 11210   | 3.27   | cps   |
| Cadmium    | 108-1 | 7423    | 6885    | 7377    | 7228    | 4.12   | cps   |
| Cadmium    | 111-1 | 95853   | 96225   | 95918   | 95999   | 0.21   | cps   |
| Calcium    | 43-1  | 173808  | 174568  | 176069  | 174815  | 0.66   | cps   |
| Calcium    | 44-1  | 2724444 | 2720824 | 2716882 | 2720717 | 0.14   | cps   |
| Chromium   | 52-2  | 167670  | 169025  | 169511  | 168735  | 0.57   | cps   |
| Cobalt     | 59-2  | 248291  | 251185  | 254223  | 251233  | 1.18   | cps   |
| Copper     | 63-2  | 332687  | 334852  | 337785  | 335108  | 0.76   | cps   |
| Dysprosium | 156-2 | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Dysprosium | 156-1 | 25      | 8       | 33      | 22      | 57.30  | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Holmium    | 165-2 | 1818113 | 1843136 | 1845244 | 1835497 | 0.82   | cps   |
| Holmium    | 165-1 | 3013002 | 3046091 | 3077640 | 3045578 | 1.06   | cps   |
| Indium     | 115-2 | 549260  | 555407  | 561727  | 555465  | 1.12   | cps   |
| Indium     | 115-1 | 2852094 | 2890349 | 2895234 | 2879226 | 0.82   | cps   |
| Iron       | 56-2  | 5829348 | 5893170 | 5894016 | 5872178 | 0.63   | cps   |
| Iron       | 57-2  | 152679  | 154925  | 154155  | 153920  | 0.74   | cps   |
| Lead       | 206-1 | 253266  | 253052  | 253372  | 253230  | 0.06   | cps   |
| Lead       | 207-1 | 229628  | 231275  | 228759  | 229887  | 0.56   | cps   |
| Lead       | 208-1 | 1026283 | 1034419 | 1030885 | 1030529 | 0.40   | cps   |
| Lithium    | 6-1   | 499001  | 497458  | 504264  | 500241  | 0.71   | cps   |
| Magnesium  | 24-2  | 1304548 | 1308647 | 1307709 | 1306968 | 0.16   | cps   |
| Manganese  | 55-2  | 167254  | 167817  | 170827  | 168633  | 1.14   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 443139  | 445336  | 445950  | 444808  | 0.33   | cps   |
| Molybdenum | 95-1  | 233877  | 232667  | 234704  | 233750  | 0.44   | cps   |
| Molybdenum | 96-1  | 303018  | 298656  | 298400  | 300025  | 0.87   | cps   |
| Molybdenum | 97-1  | 144693  | 144702  | 143195  | 144197  | 0.60   | cps   |
| Molybdenum | 98-1  | 378769  | 371128  | 369009  | 372968  | 1.38   | cps   |
| Neodymium  | 150-1 | 33      | 20      | 27      | 27      | 25.01  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 64129   | 65743   | 64702   | 64858   | 1.26   | cps   |
| Phosphorus | 31-2  | 5259    | 4943    | 5301    | 5168    | 3.79   | cps   |
| Potassium  | 39-2  | 569432  | 575687  | 581444  | 575521  | 1.04   | cps   |
| Rhodium    | 103-2 | 1418968 | 1438106 | 1438462 | 1431845 | 0.78   | cps   |
| Rhodium    | 103-1 | 2793872 | 2833166 | 2844593 | 2823877 | 0.94   | cps   |
| Scandium   | 45-1  | 2697953 | 2710166 | 2743383 | 2717167 | 0.87   | cps   |
| Scandium   | 45-2  | 115909  | 118156  | 118973  | 117679  | 1.35   | cps   |
| Selenium   | 77-2  | 310     | 247     | 263     | 273     | 12.01  | cps   |
| Selenium   | 78-2  | 943     | 911     | 993     | 949     | 4.33   | cps   |
| Selenium   | 82-1  | 6949    | 6866    | 6784    | 6867    | 1.20   | cps   |
| Silicon    | 28-1  | 627379  | 627325  | 622282  | 625662  | 0.47   | cps   |
| Silver     | 107-1 | 474339  | 476785  | 486379  | 479168  | 1.33   | cps   |
| Silver     | 109-1 | 454966  | 449409  | 454616  | 452997  | 0.69   | cps   |
| Sodium     | 23-2  | 2588722 | 2590029 | 2588273 | 2589008 | 0.04   | cps   |
| Strontium  | 86-1  | 173063  | 173451  | 172978  | 173164  | 0.15   | cps   |
| Strontium  | 88-1  | 1443662 | 1456290 | 1454799 | 1451584 | 0.48   | cps   |
| Sulfur     | 34-1  | 217336  | 217802  | 217158  | 217432  | 0.15   | cps   |
| Terbium    | 159-1 | 3236808 | 3256065 | 3292547 | 3261807 | 0.87   | cps   |
| Terbium    | 159-2 | 1852160 | 1876617 | 1885642 | 1871473 | 0.93   | cps   |
| Thallium   | 203-1 | 302589  | 305860  | 304970  | 304473  | 0.56   | cps   |
| Thallium   | 205-1 | 719324  | 724543  | 718564  | 720811  | 0.45   | cps   |
| Tin        | 118-1 | 332056  | 331669  | 329295  | 331006  | 0.45   | cps   |
| Titanium   | 47-1  | 82087   | 83561   | 83428   | 83025   | 0.98   | cps   |
| Uranium    | 238-1 | 1127044 | 1139168 | 1139255 | 1135156 | 0.62   | cps   |
| Vanadium   | 51-2  | 142635  | 145270  | 144482  | 144129  | 0.94   | cps   |
| Yttrium    | 89-2  | 514652  | 519852  | 522661  | 519055  | 0.78   | cps   |
| Yttrium    | 89-1  | 3454783 | 3508229 | 3540385 | 3501132 | 1.24   | cps   |
| Zinc       | 66-2  | 40499   | 41171   | 41867   | 41179   | 1.66   | cps   |
| Zirconium  | 90-1  | 855344  | 861351  | 865756  | 860817  | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:16:20 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 194706 | 195381 | 194216 | 194768  | 0.30   | cps   |

LB Number : LB85982 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P7  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-22 16:20:12 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 196565   | 198396   | 200687   | 198549   | 1.04   | cps   |
| Antimony   | 121-1 | 803729   | 795838   | 805514   | 801693   | 0.64   | cps   |
| Arsenic    | 75-2  | 31443    | 31733    | 31608    | 31595    | 0.46   | cps   |
| Barium     | 135-1 | 1007452  | 1000680  | 1008730  | 1005621  | 0.43   | cps   |
| Barium     | 137-1 | 1720053  | 1713273  | 1705604  | 1712977  | 0.42   | cps   |
| Beryllium  | 9-1   | 161049   | 162803   | 161981   | 161944   | 0.54   | cps   |
| Bismuth    | 209-1 | 1887756  | 1893468  | 1912814  | 1898013  | 0.69   | cps   |
| Bismuth    | 209-2 | 1244487  | 1253743  | 1255493  | 1251241  | 0.47   | cps   |
| Boron      | 10-1  | 24654    | 24287    | 24921    | 24621    | 1.29   | cps   |
| Boron      | 11-1  | 123333   | 122620   | 126525   | 124159   | 1.67   | cps   |
| Cadmium    | 106-1 | 22427    | 22844    | 22193    | 22488    | 1.47   | cps   |
| Cadmium    | 108-1 | 14399    | 14061    | 13978    | 14146    | 1.58   | cps   |
| Cadmium    | 111-1 | 193084   | 192962   | 193383   | 193143   | 0.11   | cps   |
| Calcium    | 43-1  | 354068   | 355123   | 352127   | 353772   | 0.43   | cps   |
| Calcium    | 44-1  | 5483718  | 5496135  | 5478379  | 5486077  | 0.17   | cps   |
| Chromium   | 52-2  | 336510   | 337889   | 340726   | 338375   | 0.64   | cps   |
| Cobalt     | 59-2  | 500080   | 504586   | 502803   | 502490   | 0.45   | cps   |
| Copper     | 63-2  | 665486   | 668315   | 672922   | 668907   | 0.56   | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Dysprosium | 156-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Erbium     | 164-1 | 25       | 42       | 8        | 25       | 66.68  | cps   |
| Erbium     | 164-2 | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Holmium    | 165-2 | 1848190  | 1861219  | 1867337  | 1858915  | 0.53   | cps   |
| Holmium    | 165-1 | 3034284  | 3055963  | 3080626  | 3056958  | 0.76   | cps   |
| Indium     | 115-1 | 2887481  | 2901179  | 2912534  | 2900398  | 0.43   | cps   |
| Indium     | 115-2 | 554914   | 558838   | 559101   | 557618   | 0.42   | cps   |
| Iron       | 56-2  | 11694428 | 11766517 | 11803134 | 11754693 | 0.47   | cps   |
| Iron       | 57-2  | 309869   | 308762   | 308682   | 309104   | 0.21   | cps   |
| Lead       | 206-1 | 498914   | 500706   | 499784   | 499801   | 0.18   | cps   |
| Lead       | 207-1 | 459054   | 459108   | 461297   | 459820   | 0.28   | cps   |
| Lead       | 208-1 | 2035599  | 2039450  | 2049653  | 2041567  | 0.36   | cps   |
| Lithium    | 6-1   | 499798   | 495890   | 496273   | 497320   | 0.43   | cps   |
| Magnesium  | 24-2  | 2563416  | 2562515  | 2575295  | 2567075  | 0.28   | cps   |
| Manganese  | 55-2  | 339067   | 340354   | 340712   | 340044   | 0.25   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:20:12 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 889278  | 890140  | 895796  | 891738  | 0.40   | cps   |
| Molybdenum | 95-1  | 477782  | 477332  | 472920  | 476012  | 0.56   | cps   |
| Molybdenum | 96-1  | 612088  | 609906  | 611752  | 611249  | 0.19   | cps   |
| Molybdenum | 97-1  | 294322  | 296625  | 295824  | 295590  | 0.40   | cps   |
| Molybdenum | 98-1  | 757408  | 757790  | 752491  | 755896  | 0.39   | cps   |
| Neodymium  | 150-1 | 47      | 33      | 27      | 36      | 28.64  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 128299  | 128500  | 130619  | 129139  | 1.00   | cps   |
| Phosphorus | 31-2  | 10554   | 10387   | 10663   | 10535   | 1.32   | cps   |
| Potassium  | 39-2  | 1134622 | 1141032 | 1151048 | 1142234 | 0.72   | cps   |
| Rhodium    | 103-2 | 1433078 | 1447731 | 1447158 | 1442656 | 0.58   | cps   |
| Rhodium    | 103-1 | 2814971 | 2819089 | 2832890 | 2822317 | 0.33   | cps   |
| Scandium   | 45-1  | 2709537 | 2720798 | 2730735 | 2720357 | 0.39   | cps   |
| Scandium   | 45-2  | 119460  | 121133  | 119389  | 119994  | 0.82   | cps   |
| Selenium   | 77-2  | 550     | 573     | 527     | 550     | 4.24   | cps   |
| Selenium   | 78-2  | 1839    | 1835    | 1926    | 1867    | 2.75   | cps   |
| Selenium   | 82-1  | 14188   | 13881   | 14156   | 14075   | 1.20   | cps   |
| Silicon    | 28-1  | 976498  | 976891  | 979420  | 977603  | 0.16   | cps   |
| Silver     | 109-1 | 904765  | 907044  | 905847  | 905886  | 0.13   | cps   |
| Silver     | 107-1 | 955401  | 961370  | 964184  | 960318  | 0.47   | cps   |
| Sodium     | 23-2  | 5122454 | 5102042 | 5177549 | 5134015 | 0.76   | cps   |
| Strontium  | 86-1  | 348005  | 347081  | 348815  | 347967  | 0.25   | cps   |
| Strontium  | 88-1  | 2861612 | 2896302 | 2865635 | 2874516 | 0.66   | cps   |
| Sulfur     | 34-1  | 267959  | 267332  | 263091  | 266127  | 1.00   | cps   |
| Terbium    | 159-1 | 3221631 | 3269593 | 3294145 | 3261790 | 1.13   | cps   |
| Terbium    | 159-2 | 1885073 | 1903565 | 1902242 | 1896960 | 0.54   | cps   |
| Thallium   | 203-1 | 609358  | 607749  | 609395  | 608834  | 0.15   | cps   |
| Thallium   | 205-1 | 1430785 | 1430079 | 1427036 | 1429300 | 0.14   | cps   |
| Tin        | 118-1 | 668656  | 667064  | 671333  | 669018  | 0.32   | cps   |
| Titanium   | 47-1  | 170381  | 170456  | 169960  | 170266  | 0.16   | cps   |
| Uranium    | 238-1 | 2237800 | 2243971 | 2249340 | 2243704 | 0.26   | cps   |
| Vanadium   | 51-2  | 290520  | 289048  | 291461  | 290343  | 0.42   | cps   |
| Yttrium    | 89-2  | 521052  | 524939  | 525389  | 523793  | 0.46   | cps   |
| Yttrium    | 89-1  | 3496557 | 3516615 | 3519672 | 3510948 | 0.36   | cps   |
| Zinc       | 66-2  | 81767   | 82488   | 83071   | 82442   | 0.79   | cps   |
| Zirconium  | 90-1  | 1723287 | 1715328 | 1721760 | 1720125 | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:20:12 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 392510 | 391403 | 394862 | 392925  | 0.45   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 395202   | 397049   | 394147   | 395466   | 0.37   | cps   |
| Antimony   | 121-1 | 1638239  | 1636130  | 1636813  | 1637060  | 0.07   | cps   |
| Arsenic    | 75-2  | 64618    | 64109    | 64721    | 64483    | 0.51   | cps   |
| Barium     | 135-1 | 1989921  | 2004499  | 2009963  | 2001461  | 0.52   | cps   |
| Barium     | 137-1 | 3428147  | 3432386  | 3417958  | 3426164  | 0.22   | cps   |
| Beryllium  | 9-1   | 322661   | 319932   | 321432   | 321342   | 0.43   | cps   |
| Bismuth    | 209-1 | 1897532  | 1917200  | 1931004  | 1915246  | 0.88   | cps   |
| Bismuth    | 209-2 | 1258859  | 1228584  | 1258424  | 1248622  | 1.39   | cps   |
| Boron      | 10-1  | 48445    | 49105    | 48612    | 48721    | 0.70   | cps   |
| Boron      | 11-1  | 243020   | 250014   | 255555   | 249530   | 2.52   | cps   |
| Cadmium    | 106-1 | 42782    | 42765    | 43927    | 43158    | 1.54   | cps   |
| Cadmium    | 108-1 | 28341    | 28880    | 29047    | 28756    | 1.28   | cps   |
| Cadmium    | 111-1 | 383151   | 383170   | 384874   | 383732   | 0.26   | cps   |
| Calcium    | 43-1  | 712145   | 711243   | 716052   | 713147   | 0.36   | cps   |
| Calcium    | 44-1  | 10986162 | 11062003 | 11097767 | 11048644 | 0.52   | cps   |
| Chromium   | 52-2  | 669143   | 677608   | 674877   | 673876   | 0.64   | cps   |
| Cobalt     | 59-2  | 997166   | 1009218  | 1001281  | 1002555  | 0.61   | cps   |
| Copper     | 63-2  | 1309646  | 1318291  | 1318475  | 1315471  | 0.38   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Dysprosium | 156-1 | 50       | 42       | 0        | 31       | 87.67  | cps   |
| Erbium     | 164-1 | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Erbium     | 164-2 | 0        | 3        | 13       | 6        | 124.93 | cps   |
| Gadolinium | 160-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Holmium    | 165-1 | 3062846  | 3084260  | 3102309  | 3083138  | 0.64   | cps   |
| Holmium    | 165-2 | 1885895  | 1853467  | 1887792  | 1875718  | 1.03   | cps   |
| Indium     | 115-1 | 2935078  | 2929602  | 2952153  | 2938944  | 0.40   | cps   |
| Indium     | 115-2 | 561434   | 551896   | 564352   | 559227   | 1.16   | cps   |
| Iron       | 56-2  | 23319404 | 23484790 | 23262280 | 23355491 | 0.49   | cps   |
| Iron       | 57-2  | 618741   | 627853   | 621326   | 622640   | 0.75   | cps   |
| Lead       | 206-1 | 993366   | 998126   | 998389   | 996627   | 0.28   | cps   |
| Lead       | 207-1 | 910584   | 905591   | 914831   | 910335   | 0.51   | cps   |
| Lead       | 208-1 | 4020046  | 4009941  | 4040759  | 4023582  | 0.39   | cps   |
| Lithium    | 6-1   | 492644   | 497196   | 504521   | 498120   | 1.20   | cps   |
| Magnesium  | 24-2  | 5202592  | 5199549  | 5163399  | 5188513  | 0.42   | cps   |
| Manganese  | 55-2  | 675511   | 680011   | 678744   | 678088   | 0.34   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1786255  | 1784367  | 1792352  | 1787658  | 0.23   | cps   |
| Molybdenum | 95-1  | 962501   | 960284   | 957152   | 959979   | 0.28   | cps   |
| Molybdenum | 96-1  | 1225608  | 1228781  | 1221938  | 1225442  | 0.28   | cps   |
| Molybdenum | 97-1  | 597256   | 596769   | 595501   | 596509   | 0.15   | cps   |
| Molybdenum | 98-1  | 1514540  | 1510365  | 1507599  | 1510835  | 0.23   | cps   |
| Neodymium  | 150-1 | 113      | 120      | 60       | 98       | 33.63  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 256542   | 257854   | 256412   | 256936   | 0.31   | cps   |
| Phosphorus | 31-2  | 20465    | 20281    | 20840    | 20529    | 1.39   | cps   |
| Potassium  | 39-2  | 2270883  | 2267589  | 2275472  | 2271315  | 0.17   | cps   |
| Rhodium    | 103-2 | 1452678  | 1422691  | 1447014  | 1440795  | 1.11   | cps   |
| Rhodium    | 103-1 | 2847266  | 2842964  | 2876488  | 2855573  | 0.64   | cps   |
| Scandium   | 45-1  | 2774298  | 2788414  | 2807680  | 2790131  | 0.60   | cps   |
| Scandium   | 45-2  | 121580   | 118365   | 120404   | 120116   | 1.35   | cps   |
| Selenium   | 77-2  | 1053     | 1037     | 1237     | 1109     | 10.01  | cps   |
| Selenium   | 78-2  | 3862     | 3849     | 3739     | 3817     | 1.76   | cps   |
| Selenium   | 82-1  | 28484    | 28402    | 28289    | 28392    | 0.35   | cps   |
| Silicon    | 28-1  | 1723587  | 1733205  | 1739697  | 1732163  | 0.47   | cps   |
| Silver     | 109-1 | 1786175  | 1784122  | 1784839  | 1785045  | 0.06   | cps   |
| Silver     | 107-1 | 1888710  | 1886433  | 1902140  | 1892427  | 0.45   | cps   |
| Sodium     | 23-2  | 10281432 | 10269525 | 10207983 | 10252980 | 0.38   | cps   |
| Strontium  | 86-1  | 704784   | 702446   | 703413   | 703548   | 0.17   | cps   |
| Strontium  | 88-1  | 5865110  | 5920789  | 5891769  | 5892556  | 0.47   | cps   |
| Sulfur     | 34-1  | 367575   | 372045   | 367451   | 369023   | 0.71   | cps   |
| Terbium    | 159-1 | 3285891  | 3335600  | 3312997  | 3311496  | 0.75   | cps   |
| Terbium    | 159-2 | 1915681  | 1892860  | 1931832  | 1913458  | 1.02   | cps   |
| Thallium   | 203-1 | 1202678  | 1193346  | 1201881  | 1199301  | 0.43   | cps   |
| Thallium   | 205-1 | 2773816  | 2803256  | 2791141  | 2789404  | 0.53   | cps   |
| Tin        | 118-1 | 1337798  | 1332295  | 1336938  | 1335677  | 0.22   | cps   |
| Titanium   | 47-1  | 337413   | 340412   | 341543   | 339789   | 0.63   | cps   |
| Uranium    | 238-1 | 4525477  | 4546824  | 4470558  | 4514286  | 0.87   | cps   |
| Vanadium   | 51-2  | 582583   | 586086   | 583492   | 584054   | 0.31   | cps   |
| Yttrium    | 89-2  | 533551   | 522408   | 534676   | 530212   | 1.28   | cps   |
| Yttrium    | 89-1  | 3569691  | 3553651  | 3605248  | 3576196  | 0.74   | cps   |
| Zinc       | 66-2  | 163544   | 163776   | 163877   | 163732   | 0.10   | cps   |
| Zirconium  | 90-1  | 3373263  | 3461556  | 3387329  | 3407383  | 1.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:24:02 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 788334 | 778919 | 791943 | 786399  | 0.86   | cps   |

LB Number : LB85982 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P7  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-22 16:27:48 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 795674   | 798169   | 797267   | 797037   | 0.16   | cps   |
| Antimony   | 121-1 | 3365372  | 3260685  | 3320913  | 3315657  | 1.58   | cps   |
| Arsenic    | 75-2  | 129769   | 132144   | 131934   | 131282   | 1.00   | cps   |
| Barium     | 135-1 | 4036096  | 4061593  | 4019705  | 4039131  | 0.52   | cps   |
| Barium     | 137-1 | 6884950  | 6909527  | 6786739  | 6860406  | 0.95   | cps   |
| Beryllium  | 9-1   | 632657   | 634101   | 637109   | 634622   | 0.36   | cps   |
| Bismuth    | 209-1 | 1847561  | 1848645  | 1855469  | 1850558  | 0.23   | cps   |
| Bismuth    | 209-2 | 1225573  | 1238723  | 1273283  | 1245860  | 1.98   | cps   |
| Boron      | 10-1  | 97160    | 96783    | 100440   | 98128    | 2.05   | cps   |
| Boron      | 11-1  | 493445   | 502340   | 512443   | 502743   | 1.89   | cps   |
| Cadmium    | 106-1 | 85952    | 86137    | 85440    | 85843    | 0.42   | cps   |
| Cadmium    | 108-1 | 57658    | 57232    | 56152    | 57014    | 1.36   | cps   |
| Cadmium    | 111-1 | 753424   | 761863   | 756480   | 757256   | 0.56   | cps   |
| Calcium    | 43-1  | 1428303  | 1433545  | 1430266  | 1430704  | 0.19   | cps   |
| Calcium    | 44-1  | 22458491 | 22405849 | 22278570 | 22380970 | 0.41   | cps   |
| Chromium   | 52-2  | 1350308  | 1358970  | 1357549  | 1355609  | 0.34   | cps   |
| Cobalt     | 59-2  | 1967193  | 1978119  | 1981155  | 1975489  | 0.37   | cps   |
| Copper     | 63-2  | 2554957  | 2578414  | 2586684  | 2573352  | 0.64   | cps   |
| Dysprosium | 156-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Dysprosium | 156-1 | 83       | 33       | 67       | 61       | 41.67  | cps   |
| Erbium     | 164-1 | 8        | 33       | 42       | 28       | 62.46  | cps   |
| Erbium     | 164-2 | 13       | 7        | 3        | 8        | 65.47  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Gadolinium | 160-1 | 0        | 33       | 25       | 19       | 89.21  | cps   |
| Holmium    | 165-2 | 1878469  | 1890722  | 1933135  | 1900775  | 1.51   | cps   |
| Holmium    | 165-1 | 3054749  | 3075172  | 3036416  | 3055445  | 0.63   | cps   |
| Indium     | 115-1 | 2867312  | 2902213  | 2898121  | 2889216  | 0.66   | cps   |
| Indium     | 115-2 | 549636   | 555578   | 566964   | 557393   | 1.58   | cps   |
| Iron       | 56-2  | 46768934 | 47239184 | 47062946 | 47023688 | 0.51   | cps   |
| Iron       | 57-2  | 1228331  | 1245492  | 1242294  | 1238706  | 0.74   | cps   |
| Lead       | 206-1 | 1916278  | 1923012  | 1929182  | 1922824  | 0.34   | cps   |
| Lead       | 207-1 | 1788310  | 1789293  | 1794253  | 1790619  | 0.18   | cps   |
| Lead       | 208-1 | 7903929  | 7864187  | 7869695  | 7879270  | 0.27   | cps   |
| Lithium    | 6-1   | 492577   | 491351   | 490741   | 491556   | 0.19   | cps   |
| Magnesium  | 24-2  | 10485096 | 10471758 | 10481687 | 10479514 | 0.07   | cps   |
| Manganese  | 55-2  | 1351964  | 1358709  | 1367179  | 1359284  | 0.56   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:27:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3594308  | 3614274  | 3566786  | 3591789  | 0.66   | cps   |
| Molybdenum | 95-1  | 1901540  | 1905124  | 1896803  | 1901156  | 0.22   | cps   |
| Molybdenum | 96-1  | 2437924  | 2456153  | 2443098  | 2445725  | 0.38   | cps   |
| Molybdenum | 97-1  | 1206335  | 1203602  | 1200695  | 1203544  | 0.23   | cps   |
| Molybdenum | 98-1  | 3010962  | 3003901  | 3005948  | 3006937  | 0.12   | cps   |
| Neodymium  | 150-1 | 187      | 153      | 140      | 160      | 15.02  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 13       | 18       | 21.66  | cps   |
| Nickel     | 60-2  | 512808   | 514622   | 516038   | 514489   | 0.31   | cps   |
| Phosphorus | 31-2  | 42629    | 42219    | 42729    | 42525    | 0.64   | cps   |
| Potassium  | 39-2  | 4573189  | 4599670  | 4575893  | 4582917  | 0.32   | cps   |
| Rhodium    | 103-2 | 1415100  | 1419737  | 1461507  | 1432115  | 1.78   | cps   |
| Rhodium    | 103-1 | 2797353  | 2823510  | 2814194  | 2811686  | 0.47   | cps   |
| Scandium   | 45-1  | 2775668  | 2777419  | 2782163  | 2778417  | 0.12   | cps   |
| Scandium   | 45-2  | 121745   | 123492   | 125163   | 123467   | 1.38   | cps   |
| Selenium   | 77-2  | 2247     | 2237     | 2384     | 2289     | 3.58   | cps   |
| Selenium   | 78-2  | 7785     | 7543     | 7546     | 7625     | 1.82   | cps   |
| Selenium   | 82-1  | 56983    | 57297    | 57162    | 57147    | 0.28   | cps   |
| Silicon    | 28-1  | 3056523  | 3063890  | 3053227  | 3057880  | 0.18   | cps   |
| Silver     | 109-1 | 3566487  | 3553913  | 3556066  | 3558822  | 0.19   | cps   |
| Silver     | 107-1 | 3769764  | 3764171  | 3778909  | 3770948  | 0.20   | cps   |
| Sodium     | 23-2  | 20575673 | 20783599 | 20913304 | 20757525 | 0.82   | cps   |
| Strontium  | 86-1  | 1412320  | 1426332  | 1402483  | 1413712  | 0.85   | cps   |
| Strontium  | 88-1  | 11979462 | 12070349 | 11820605 | 11956805 | 1.06   | cps   |
| Sulfur     | 34-1  | 580858   | 581714   | 577235   | 579936   | 0.41   | cps   |
| Terbium    | 159-1 | 3245817  | 3294286  | 3255276  | 3265126  | 0.79   | cps   |
| Terbium    | 159-2 | 1899117  | 1929435  | 1958973  | 1929175  | 1.55   | cps   |
| Thallium   | 203-1 | 2351299  | 2349918  | 2328445  | 2343221  | 0.55   | cps   |
| Thallium   | 205-1 | 5455553  | 5495788  | 5489518  | 5480286  | 0.40   | cps   |
| Tin        | 118-1 | 2624667  | 2631867  | 2639538  | 2632024  | 0.28   | cps   |
| Titanium   | 47-1  | 689477   | 685526   | 690522   | 688508   | 0.38   | cps   |
| Uranium    | 238-1 | 9024400  | 8979560  | 8948239  | 8984066  | 0.43   | cps   |
| Vanadium   | 51-2  | 1177714  | 1187892  | 1188785  | 1184797  | 0.52   | cps   |
| Yttrium    | 89-2  | 531786   | 534695   | 548225   | 538235   | 1.63   | cps   |
| Yttrium    | 89-1  | 3551451  | 3580403  | 3571757  | 3567870  | 0.42   | cps   |
| Zinc       | 66-2  | 322499   | 327885   | 327923   | 326102   | 0.96   | cps   |
| Zirconium  | 90-1  | 6988234  | 7057387  | 7010331  | 7018651  | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:27:48 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1563314 | 1568661 | 1567029 | 1566335 | 0.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3823068   | 3883883   | 3861543   | 3856164   | 0.80   | cps   |
| Antimony   | 121-1 | 12631     | 13348     | 13732     | 13237     | 4.22   | cps   |
| Arsenic    | 75-2  | 185       | 146       | 230       | 187       | 22.29  | cps   |
| Barium     | 135-1 | 1317      | 1308      | 1333      | 1320      | 0.96   | cps   |
| Barium     | 137-1 | 2142      | 2117      | 2059      | 2106      | 2.03   | cps   |
| Beryllium  | 9-1   | 189       | 161       | 133       | 161       | 17.24  | cps   |
| Bismuth    | 209-2 | 1098261   | 1115049   | 1122474   | 1111928   | 1.12   | cps   |
| Bismuth    | 209-1 | 1655399   | 1670116   | 1649997   | 1658504   | 0.63   | cps   |
| Boron      | 10-1  | 3942      | 3484      | 2709      | 3378      | 18.46  | cps   |
| Boron      | 11-1  | 18779     | 17302     | 15008     | 17030     | 11.16  | cps   |
| Cadmium    | 111-1 | 682       | 786       | 714       | 727       | 7.36   | cps   |
| Cadmium    | 106-1 | 817       | 942       | 767       | 842       | 10.71  | cps   |
| Cadmium    | 108-1 | 33        | 21        | 8         | 21        | 60.01  | cps   |
| Calcium    | 43-1  | 7132885   | 7043595   | 7098350   | 7091610   | 0.63   | cps   |
| Calcium    | 44-1  | 112129165 | 111469782 | 111748111 | 111782353 | 0.30   | cps   |
| Chromium   | 52-2  | 9924      | 9160      | 9727      | 9603      | 4.13   | cps   |
| Cobalt     | 59-2  | 1300      | 1390      | 1430      | 1373      | 4.85   | cps   |
| Copper     | 63-2  | 3901      | 3841      | 3887      | 3876      | 0.81   | cps   |
| Dysprosium | 156-2 | 7         | 3         | 20        | 10        | 88.20  | cps   |
| Dysprosium | 156-1 | 67        | 92        | 58        | 72        | 24.02  | cps   |
| Erbium     | 164-1 | 50        | 42        | 33        | 42        | 20.00  | cps   |
| Erbium     | 164-2 | 3         | 37        | 17        | 19        | 88.83  | cps   |
| Gadolinium | 160-2 | 23        | 17        | 10        | 17        | 39.99  | cps   |
| Gadolinium | 160-1 | 58        | 17        | 33        | 36        | 58.08  | cps   |
| Holmium    | 165-1 | 2869602   | 2905823   | 2936803   | 2904076   | 1.16   | cps   |
| Holmium    | 165-2 | 1788230   | 1804996   | 1804576   | 1799268   | 0.53   | cps   |
| Indium     | 115-2 | 527803    | 532557    | 536609    | 532323    | 0.83   | cps   |
| Indium     | 115-1 | 2703089   | 2704583   | 2672201   | 2693291   | 0.68   | cps   |
| Iron       | 56-2  | 235688044 | 238088194 | 237877316 | 237217852 | 0.56   | cps   |
| Iron       | 57-2  | 6160240   | 6195644   | 6205104   | 6186996   | 0.38   | cps   |
| Lead       | 206-1 | 6363      | 6769      | 6507      | 6546      | 3.14   | cps   |
| Lead       | 207-1 | 5596      | 5312      | 5524      | 5477      | 2.69   | cps   |
| Lead       | 208-1 | 25883     | 25944     | 25466     | 25764     | 1.01   | cps   |
| Lithium    | 6-1   | 456582    | 460363    | 457624    | 458190    | 0.43   | cps   |
| Magnesium  | 24-2  | 50540854  | 50825604  | 50969851  | 50778770  | 0.43   | cps   |
| Manganese  | 55-2  | 4577      | 4674      | 4577      | 4610      | 1.21   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85982             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3817     | 4568     | 5310     | 4565     | 16.34  | cps   |
| Molybdenum | 95-1  | 5743     | 6819     | 7227     | 6596     | 11.62  | cps   |
| Molybdenum | 96-1  | 8411     | 9754     | 10446    | 9537     | 10.85  | cps   |
| Molybdenum | 97-1  | 3617     | 4409     | 5009     | 4345     | 16.07  | cps   |
| Molybdenum | 98-1  | 9345     | 10112    | 11956    | 10471    | 12.81  | cps   |
| Neodymium  | 150-1 | 60       | 47       | 80       | 62       | 26.96  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 1993     | 2100     | 2027     | 2040     | 2.68   | cps   |
| Phosphorus | 31-2  | 42       | 42       | 67       | 50       | 28.87  | cps   |
| Potassium  | 39-2  | 22012681 | 22337254 | 22467711 | 22272549 | 1.05   | cps   |
| Rhodium    | 103-2 | 1273540  | 1281885  | 1287640  | 1281022  | 0.55   | cps   |
| Rhodium    | 103-1 | 2524207  | 2538822  | 2513720  | 2525583  | 0.50   | cps   |
| Scandium   | 45-2  | 113907   | 114689   | 115882   | 114826   | 0.87   | cps   |
| Scandium   | 45-1  | 2674494  | 2691441  | 2675686  | 2680540  | 0.35   | cps   |
| Selenium   | 82-1  | 107      | 105      | 75       | 96       | 18.84  | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 31       | 37       | 35       | 35       | 8.19   | cps   |
| Silicon    | 28-1  | 331551   | 332965   | 331840   | 332119   | 0.22   | cps   |
| Silver     | 109-1 | 342      | 317      | 375      | 344      | 8.50   | cps   |
| Silver     | 107-1 | 300      | 433      | 425      | 386      | 19.34  | cps   |
| Sodium     | 23-2  | 98541500 | 98788548 | 99327017 | 98885688 | 0.41   | cps   |
| Strontium  | 86-1  | 41478    | 41143    | 40868    | 41163    | 0.74   | cps   |
| Strontium  | 88-1  | 349066   | 340659   | 343374   | 344366   | 1.25   | cps   |
| Sulfur     | 34-1  | 169487   | 172378   | 171864   | 171243   | 0.90   | cps   |
| Terbium    | 159-2 | 1817810  | 1827217  | 1844565  | 1829864  | 0.74   | cps   |
| Terbium    | 159-1 | 3074789  | 3139451  | 3131647  | 3115296  | 1.13   | cps   |
| Thallium   | 203-1 | 925      | 1108     | 808      | 947      | 15.97  | cps   |
| Thallium   | 205-1 | 2850     | 2184     | 2200     | 2411     | 15.77  | cps   |
| Tin        | 118-1 | 3367     | 3859     | 3876     | 3701     | 7.81   | cps   |
| Titanium   | 47-1  | 708      | 708      | 450      | 622      | 23.97  | cps   |
| Uranium    | 238-1 | 642      | 675      | 733      | 683      | 6.79   | cps   |
| Vanadium   | 51-2  | 217      | 213      | 210      | 213      | 1.56   | cps   |
| Yttrium    | 89-2  | 509249   | 513544   | 518635   | 513809   | 0.91   | cps   |
| Yttrium    | 89-1  | 3353320  | 3438825  | 3387019  | 3393054  | 1.27   | cps   |
| Zinc       | 66-2  | 2920     | 2717     | 2887     | 2841     | 3.84   | cps   |
| Zirconium  | 90-1  | 1842     | 1950     | 2192     | 1995     | 8.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:31:29 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 433  | 483  | 436     | 10.52  | cps   |

LB Number : LB85982 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P7  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-22 16:35:17 DataFile Name : 011ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 20490   | 20773   | 20965   | 20743   | 1.15   | cps   |
| Antimony   | 121-1 | 623264  | 619794  | 610389  | 617816  | 1.08   | cps   |
| Arsenic    | 75-2  | 25396   | 25281   | 25261   | 25313   | 0.29   | cps   |
| Barium     | 135-1 | 81791   | 80056   | 79820   | 80556   | 1.34   | cps   |
| Barium     | 137-1 | 140126  | 138434  | 139266  | 139275  | 0.61   | cps   |
| Beryllium  | 9-1   | 64130   | 62484   | 62763   | 63125   | 1.40   | cps   |
| Bismuth    | 209-1 | 1928274 | 1918023 | 1892513 | 1912937 | 0.96   | cps   |
| Bismuth    | 209-2 | 1246552 | 1288740 | 1291193 | 1275495 | 1.97   | cps   |
| Boron      | 10-1  | 58983   | 58463   | 57594   | 58347   | 1.20   | cps   |
| Boron      | 11-1  | 299748  | 299662  | 300835  | 300082  | 0.22   | cps   |
| Cadmium    | 106-1 | 15567   | 16201   | 15292   | 15687   | 2.97   | cps   |
| Cadmium    | 108-1 | 8594    | 8303    | 8340    | 8412    | 1.89   | cps   |
| Cadmium    | 111-1 | 79120   | 79978   | 79055   | 79385   | 0.65   | cps   |
| Calcium    | 43-1  | 32503   | 32921   | 31367   | 32264   | 2.49   | cps   |
| Calcium    | 44-1  | 493749  | 493706  | 489014  | 492156  | 0.55   | cps   |
| Chromium   | 52-2  | 131692  | 130850  | 130074  | 130872  | 0.62   | cps   |
| Cobalt     | 59-2  | 200959  | 201520  | 200665  | 201048  | 0.22   | cps   |
| Copper     | 63-2  | 134517  | 134649  | 135543  | 134903  | 0.41   | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 75      | 42      | 53      | 36.46  | cps   |
| Erbium     | 164-2 | 7       | 27      | 17      | 17      | 59.99  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Gadolinium | 160-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Holmium    | 165-2 | 1818722 | 1885780 | 1892527 | 1865676 | 2.19   | cps   |
| Holmium    | 165-1 | 3035489 | 2989373 | 2999593 | 3008151 | 0.81   | cps   |
| Indium     | 115-1 | 2933730 | 2898874 | 2882588 | 2905064 | 0.90   | cps   |
| Indium     | 115-2 | 554348  | 570704  | 575136  | 566729  | 1.93   | cps   |
| Iron       | 56-2  | 1001492 | 1009983 | 1009009 | 1006828 | 0.46   | cps   |
| Iron       | 57-2  | 25278   | 25100   | 24682   | 25020   | 1.22   | cps   |
| Lead       | 206-1 | 400622  | 398954  | 398849  | 399475  | 0.25   | cps   |
| Lead       | 207-1 | 352700  | 352555  | 350660  | 351972  | 0.32   | cps   |
| Lead       | 208-1 | 1600771 | 1598431 | 1588541 | 1595914 | 0.41   | cps   |
| Lithium    | 6-1   | 512105  | 510831  | 509138  | 510691  | 0.29   | cps   |
| Magnesium  | 24-2  | 129025  | 129219  | 129605  | 129283  | 0.23   | cps   |
| Manganese  | 55-2  | 68258   | 67909   | 67400   | 67856   | 0.64   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 16:35:17 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1857123 | 1852689 | 1860967 | 1856926 | 0.22   | cps   |
| Molybdenum | 95-1  | 1002467 | 998354  | 990013  | 996945  | 0.64   | cps   |
| Molybdenum | 96-1  | 1285861 | 1275238 | 1268904 | 1276668 | 0.67   | cps   |
| Molybdenum | 97-1  | 627545  | 618825  | 619390  | 621920  | 0.78   | cps   |
| Molybdenum | 98-1  | 1583670 | 1562230 | 1557802 | 1567901 | 0.88   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 13      | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 51985   | 52276   | 52678   | 52313   | 0.66   | cps   |
| Phosphorus | 31-2  | 42      | 58      | 58      | 53      | 18.23  | cps   |
| Potassium  | 39-2  | 194009  | 194803  | 194778  | 194530  | 0.23   | cps   |
| Rhodium    | 103-2 | 1441379 | 1482483 | 1483600 | 1469154 | 1.64   | cps   |
| Rhodium    | 103-1 | 2898401 | 2890591 | 2853569 | 2880854 | 0.83   | cps   |
| Scandium   | 45-1  | 2815827 | 2803151 | 2792965 | 2803981 | 0.41   | cps   |
| Scandium   | 45-2  | 120970  | 123600  | 124521  | 123030  | 1.50   | cps   |
| Selenium   | 77-2  | 450     | 437     | 417     | 434     | 3.86   | cps   |
| Selenium   | 78-2  | 1548    | 1513    | 1617    | 1559    | 3.38   | cps   |
| Selenium   | 82-1  | 11611   | 11321   | 11362   | 11431   | 1.37   | cps   |
| Silicon    | 28-1  | 1780999 | 1773468 | 1785280 | 1779916 | 0.34   | cps   |
| Silver     | 109-1 | 362733  | 364164  | 356613  | 361170  | 1.11   | cps   |
| Silver     | 107-1 | 383243  | 382689  | 383323  | 383085  | 0.09   | cps   |
| Sodium     | 23-2  | 434281  | 431232  | 431767  | 432426  | 0.38   | cps   |
| Strontium  | 86-1  | 681968  | 673984  | 674109  | 676687  | 0.68   | cps   |
| Strontium  | 88-1  | 5730406 | 5706809 | 5705822 | 5714346 | 0.24   | cps   |
| Sulfur     | 34-1  | 178657  | 175084  | 175243  | 176328  | 1.14   | cps   |
| Terbium    | 159-1 | 3263604 | 3246667 | 3189994 | 3233422 | 1.19   | cps   |
| Terbium    | 159-2 | 1864591 | 1925149 | 1923855 | 1904532 | 1.82   | cps   |
| Thallium   | 203-1 | 485604  | 470160  | 477675  | 477813  | 1.62   | cps   |
| Thallium   | 205-1 | 1146138 | 1124249 | 1132367 | 1134251 | 0.98   | cps   |
| Tin        | 118-1 | 1417702 | 1407052 | 1398585 | 1407780 | 0.68   | cps   |
| Titanium   | 47-1  | 357650  | 352771  | 359303  | 356575  | 0.95   | cps   |
| Uranium    | 238-1 | 4674569 | 4661084 | 4664424 | 4666692 | 0.15   | cps   |
| Vanadium   | 51-2  | 115924  | 114191  | 113442  | 114519  | 1.11   | cps   |
| Yttrium    | 89-2  | 522203  | 546209  | 543448  | 537287  | 2.44   | cps   |
| Yttrium    | 89-1  | 3544977 | 3558086 | 3539221 | 3547428 | 0.27   | cps   |
| Zinc       | 66-2  | 33098   | 32877   | 32957   | 32977   | 0.34   | cps   |
| Zirconium  | 90-1  | 3644079 | 3632917 | 3652306 | 3643101 | 0.27   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 16:35:17 | DataFile Name :   | 011ICV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 813473 | 810694 | 817520 | 813896  | 0.42   | cps   |

LB Number : LB85982 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-22 16:50:39 DataFile Name : 012CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 25      | 8       | 22      | 57.30  | cps   |
| Antimony   | 121-1 | 3000    | 3676    | 4242    | 3640    | 17.08  | cps   |
| Arsenic    | 75-2  | 15      | 17      | 22      | 18      | 21.54  | cps   |
| Barium     | 135-1 | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Barium     | 137-1 | 75      | 83      | 42      | 67      | 33.07  | cps   |
| Beryllium  | 9-1   | 33      | 33      | 39      | 35      | 9.12   | cps   |
| Bismuth    | 209-1 | 1904207 | 1863441 | 1807684 | 1858444 | 2.61   | cps   |
| Bismuth    | 209-2 | 1250202 | 1254661 | 1253298 | 1252720 | 0.18   | cps   |
| Boron      | 10-1  | 417     | 367     | 458     | 414     | 11.09  | cps   |
| Boron      | 11-1  | 2242    | 2359    | 2309    | 2303    | 2.54   | cps   |
| Cadmium    | 106-1 | 650     | 792     | 750     | 731     | 9.97   | cps   |
| Cadmium    | 108-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Cadmium    | 111-1 | 459     | 557     | 525     | 514     | 9.68   | cps   |
| Calcium    | 43-1  | 100     | 58      | 75      | 78      | 26.96  | cps   |
| Calcium    | 44-1  | 3909    | 4142    | 4518    | 4190    | 7.33   | cps   |
| Chromium   | 52-2  | 263     | 307     | 340     | 303     | 12.67  | cps   |
| Cobalt     | 59-2  | 80      | 67      | 77      | 74      | 9.32   | cps   |
| Copper     | 63-2  | 170     | 127     | 140     | 146     | 15.25  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Erbium     | 164-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Holmium    | 165-1 | 3040722 | 3003386 | 2983138 | 3009082 | 0.97   | cps   |
| Holmium    | 165-2 | 1821771 | 1821595 | 1824793 | 1822720 | 0.10   | cps   |
| Indium     | 115-2 | 563440  | 561982  | 562875  | 562766  | 0.13   | cps   |
| Indium     | 115-1 | 2875994 | 2843930 | 2816612 | 2845512 | 1.04   | cps   |
| Iron       | 56-2  | 2573    | 2723    | 2573    | 2623    | 3.30   | cps   |
| Iron       | 57-2  | 61      | 89      | 78      | 76      | 18.42  | cps   |
| Lead       | 206-1 | 556     | 533     | 483     | 524     | 7.06   | cps   |
| Lead       | 207-1 | 444     | 483     | 461     | 463     | 4.21   | cps   |
| Lead       | 208-1 | 2322    | 2217    | 2022    | 2187    | 6.96   | cps   |
| Lithium    | 6-1   | 503378  | 499696  | 495617  | 499564  | 0.78   | cps   |
| Magnesium  | 24-2  | 142     | 217     | 167     | 175     | 21.82  | cps   |
| Manganese  | 55-2  | 47      | 40      | 40      | 42      | 9.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:50:39 | DataFile Name :   | 012CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 342     | 533     | 442     | 439     | 21.84   | cps   |
| Molybdenum | 95-1  | 358     | 558     | 617     | 511     | 26.51   | cps   |
| Molybdenum | 96-1  | 517     | 483     | 783     | 594     | 27.66   | cps   |
| Molybdenum | 97-1  | 375     | 317     | 617     | 436     | 36.47   | cps   |
| Molybdenum | 98-1  | 750     | 900     | 1067    | 906     | 17.49   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 23      | 17      | 20      | 20      | 16.65   | cps   |
| Phosphorus | 31-2  | 117     | 33      | 67      | 72      | 58.08   | cps   |
| Potassium  | 39-2  | 9820    | 9620    | 10287   | 9909    | 3.45    | cps   |
| Rhodium    | 103-2 | 1437515 | 1443871 | 1444199 | 1441862 | 0.26    | cps   |
| Rhodium    | 103-1 | 2825139 | 2797147 | 2776983 | 2799756 | 0.86    | cps   |
| Scandium   | 45-1  | 2732781 | 2707019 | 2668577 | 2702792 | 1.20    | cps   |
| Scandium   | 45-2  | 118166  | 120622  | 119758  | 119516  | 1.04    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 30      | 19      | 39      | 29      | 35.15   | cps   |
| Selenium   | 82-1  | -93     | -66     | 8       | -50     | -104.44 | cps   |
| Silicon    | 28-1  | 286770  | 284246  | 285605  | 285540  | 0.44    | cps   |
| Silver     | 109-1 | 25      | 42      | 33      | 33      | 25.01   | cps   |
| Silver     | 107-1 | 33      | 25      | 100     | 53      | 77.90   | cps   |
| Sodium     | 23-2  | 11396   | 11613   | 11346   | 11452   | 1.24    | cps   |
| Strontium  | 86-1  | 550     | 750     | 575     | 625     | 17.44   | cps   |
| Strontium  | 88-1  | 125     | 117     | 83      | 108     | 20.35   | cps   |
| Sulfur     | 34-1  | 172354  | 170042  | 175629  | 172675  | 1.63    | cps   |
| Terbium    | 159-1 | 3244232 | 3278465 | 3210443 | 3244380 | 1.05    | cps   |
| Terbium    | 159-2 | 1858377 | 1856957 | 1864367 | 1859900 | 0.21    | cps   |
| Thallium   | 203-1 | 100     | 158     | 158     | 139     | 24.25   | cps   |
| Thallium   | 205-1 | 292     | 258     | 225     | 258     | 12.90   | cps   |
| Tin        | 118-1 | 392     | 517     | 808     | 572     | 37.37   | cps   |
| Titanium   | 47-1  | 108     | 133     | 150     | 131     | 16.06   | cps   |
| Uranium    | 238-1 | 75      | 33      | 67      | 58      | 37.80   | cps   |
| Vanadium   | 51-2  | 7       | 7       | 7       | 7       | 0.00    | cps   |
| Yttrium    | 89-2  | 523697  | 525021  | 524104  | 524274  | 0.13    | cps   |
| Yttrium    | 89-1  | 3541542 | 3555026 | 3506458 | 3534342 | 0.71    | cps   |
| Zinc       | 66-2  | 87      | 43      | 47      | 59      | 40.95   | cps   |
| Zirconium  | 90-1  | 442     | 450     | 583     | 492     | 16.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:50:39 | DataFile Name :   | 012CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 133  | 75   | 106     | 27.73  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3616403  | 3600946  | 3624682  | 3614011  | 0.33   | cps   |
| Antimony   | 121-1 | 5668     | 5260     | 5801     | 5576     | 5.06   | cps   |
| Arsenic    | 75-2  | 46       | 50       | 65       | 54       | 18.25  | cps   |
| Barium     | 135-1 | 1308     | 1325     | 1192     | 1275     | 5.70   | cps   |
| Barium     | 137-1 | 2084     | 2084     | 2167     | 2111     | 2.28   | cps   |
| Beryllium  | 9-1   | 244      | 150      | 250      | 215      | 26.16  | cps   |
| Bismuth    | 209-1 | 1820141  | 1787082  | 1783357  | 1796860  | 1.13   | cps   |
| Bismuth    | 209-2 | 1184443  | 1204093  | 1258295  | 1215610  | 3.15   | cps   |
| Boron      | 10-1  | 625      | 500      | 475      | 533      | 15.07  | cps   |
| Boron      | 11-1  | 3125     | 2509     | 2792     | 2809     | 10.99  | cps   |
| Cadmium    | 111-1 | 992      | 798      | 844      | 878      | 11.54  | cps   |
| Cadmium    | 106-1 | 942      | 858      | 700      | 833      | 14.73  | cps   |
| Cadmium    | 108-1 | 596      | 658      | 554      | 603      | 8.70   | cps   |
| Calcium    | 43-1  | 1337402  | 1322137  | 1341290  | 1333610  | 0.76   | cps   |
| Calcium    | 44-1  | 21058206 | 21340761 | 21165295 | 21188087 | 0.67   | cps   |
| Chromium   | 52-2  | 24764    | 25743    | 25589    | 25365    | 2.07   | cps   |
| Cobalt     | 59-2  | 2310     | 2390     | 2264     | 2321     | 2.76   | cps   |
| Copper     | 63-2  | 11218    | 10804    | 11244    | 11089    | 2.23   | cps   |
| Dysprosium | 156-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Dysprosium | 156-1 | 25       | 50       | 25       | 33       | 43.30  | cps   |
| Erbium     | 164-1 | 25       | 25       | 8        | 19       | 49.50  | cps   |
| Erbium     | 164-2 | 20       | 3        | 13       | 12       | 68.66  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Holmium    | 165-1 | 3037508  | 3048627  | 3051933  | 3046023  | 0.25   | cps   |
| Holmium    | 165-2 | 1822838  | 1860058  | 1931317  | 1871404  | 2.95   | cps   |
| Indium     | 115-2 | 546845   | 552608   | 575320   | 558258   | 2.70   | cps   |
| Indium     | 115-1 | 2854597  | 2830874  | 2827887  | 2837786  | 0.52   | cps   |
| Iron       | 56-2  | 87560655 | 87836194 | 87635463 | 87677437 | 0.16   | cps   |
| Iron       | 57-2  | 2251112  | 2264621  | 2264706  | 2260146  | 0.35   | cps   |
| Lead       | 206-1 | 9298     | 9287     | 8798     | 9127     | 3.13   | cps   |
| Lead       | 207-1 | 7363     | 7069     | 7413     | 7282     | 2.56   | cps   |
| Lead       | 208-1 | 35141    | 34674    | 34569    | 34795    | 0.88   | cps   |
| Lithium    | 6-1   | 496101   | 493936   | 496754   | 495597   | 0.30   | cps   |
| Magnesium  | 24-2  | 9919148  | 9910432  | 9863824  | 9897801  | 0.30   | cps   |
| Manganese  | 55-2  | 5041     | 5344     | 5034     | 5140     | 3.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 1991514  | 1982049  | 1962588  | 1978717  | 0.75     | cps   |
| Molybdenum | 95-1  | 3589503  | 3591458  | 3547734  | 3576231  | 0.69     | cps   |
| Molybdenum | 96-1  | 3749044  | 3754888  | 3748394  | 3750775  | 0.10     | cps   |
| Molybdenum | 97-1  | 2130003  | 2124747  | 2111794  | 2122182  | 0.44     | cps   |
| Molybdenum | 98-1  | 5604447  | 5625040  | 5633803  | 5621097  | 0.27     | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25    | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03    | cps   |
| Nickel     | 60-2  | 2697     | 2764     | 2567     | 2676     | 3.74     | cps   |
| Phosphorus | 31-2  | 195648   | 197598   | 196392   | 196546   | 0.50     | cps   |
| Potassium  | 39-2  | 8607057  | 8590470  | 8543425  | 8580317  | 0.38     | cps   |
| Rhodium    | 103-2 | 1374716  | 1381344  | 1443210  | 1399757  | 2.70     | cps   |
| Rhodium    | 103-1 | 2711602  | 2690293  | 2684089  | 2695328  | 0.54     | cps   |
| Scandium   | 45-1  | 2744296  | 2729947  | 2736860  | 2737034  | 0.26     | cps   |
| Scandium   | 45-2  | 118633   | 119998   | 125319   | 121317   | 2.91     | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60    | cps   |
| Selenium   | 78-2  | 31       | 43       | 31       | 35       | 18.23    | cps   |
| Selenium   | 82-1  | 10       | -94      | 61       | -8       | -1049.93 | cps   |
| Silicon    | 28-1  | 343650   | 345793   | 343360   | 344268   | 0.39     | cps   |
| Silver     | 109-1 | 675      | 575      | 750      | 667      | 13.17    | cps   |
| Silver     | 107-1 | 617      | 717      | 658      | 664      | 7.57     | cps   |
| Sodium     | 23-2  | 19435376 | 19495632 | 19536148 | 19489052 | 0.26     | cps   |
| Strontium  | 86-1  | 42714    | 42681    | 42204    | 42533    | 0.67     | cps   |
| Strontium  | 88-1  | 361389   | 356623   | 354280   | 357430   | 1.01     | cps   |
| Sulfur     | 34-1  | 2091473  | 2067276  | 2081350  | 2080033  | 0.58     | cps   |
| Terbium    | 159-1 | 3238192  | 3248582  | 3238251  | 3241675  | 0.18     | cps   |
| Terbium    | 159-2 | 1851091  | 1897646  | 1970933  | 1906557  | 3.17     | cps   |
| Thallium   | 203-1 | 1450     | 1167     | 933      | 1183     | 21.87    | cps   |
| Thallium   | 205-1 | 3000     | 2300     | 2350     | 2550     | 15.32    | cps   |
| Tin        | 118-1 | 792      | 967      | 867      | 875      | 10.03    | cps   |
| Titanium   | 47-1  | 1250715  | 1245222  | 1240787  | 1245575  | 0.40     | cps   |
| Uranium    | 238-1 | 242      | 133      | 292      | 222      | 36.42    | cps   |
| Vanadium   | 51-2  | 200      | 173      | 190      | 188      | 7.17     | cps   |
| Yttrium    | 89-2  | 523502   | 526407   | 546190   | 532033   | 2.32     | cps   |
| Yttrium    | 89-1  | 3535099  | 3528090  | 3527763  | 3530317  | 0.12     | cps   |
| Zinc       | 66-2  | 2007     | 1960     | 1783     | 1917     | 6.15     | cps   |
| Zirconium  | 90-1  | 1392     | 1458     | 1558     | 1470     | 5.71     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:54:15 | DataFile Name :   | 013ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 308  | 300  | 283     | 12.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3606886  | 3588395  | 3577030  | 3590770  | 0.42   | cps   |
| Antimony   | 121-1 | 63326    | 61653    | 62104    | 62361    | 1.39   | cps   |
| Arsenic    | 75-2  | 2585     | 2372     | 2459     | 2472     | 4.33   | cps   |
| Barium     | 135-1 | 16969    | 16869    | 17028    | 16955    | 0.47   | cps   |
| Barium     | 137-1 | 29733    | 29098    | 29115    | 29315    | 1.23   | cps   |
| Beryllium  | 9-1   | 12839    | 12672    | 12672    | 12728    | 0.76   | cps   |
| Bismuth    | 209-2 | 1193933  | 1209511  | 1212433  | 1205292  | 0.83   | cps   |
| Bismuth    | 209-1 | 1798895  | 1806292  | 1791576  | 1798921  | 0.41   | cps   |
| Boron      | 10-1  | 5876     | 6018     | 5876     | 5924     | 1.38   | cps   |
| Boron      | 11-1  | 30423    | 32009    | 30866    | 31099    | 2.63   | cps   |
| Cadmium    | 106-1 | 2800     | 2659     | 2959     | 2806     | 5.35   | cps   |
| Cadmium    | 108-1 | 1879     | 1896     | 1846     | 1874     | 1.36   | cps   |
| Cadmium    | 111-1 | 15499    | 15067    | 15212    | 15259    | 1.44   | cps   |
| Calcium    | 43-1  | 1337602  | 1328093  | 1327041  | 1330912  | 0.44   | cps   |
| Calcium    | 44-1  | 21051938 | 21025556 | 21014276 | 21030590 | 0.09   | cps   |
| Chromium   | 52-2  | 50215    | 50764    | 51453    | 50811    | 1.22   | cps   |
| Cobalt     | 59-2  | 40329    | 40860    | 41121    | 40770    | 0.99   | cps   |
| Copper     | 63-2  | 36840    | 37131    | 36940    | 36970    | 0.40   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 0        | 17       | 132.30 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Erbium     | 164-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Gadolinium | 160-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Gadolinium | 160-2 | 7        | 20       | 7        | 11       | 69.25  | cps   |
| Holmium    | 165-2 | 1848007  | 1870295  | 1877542  | 1865281  | 0.83   | cps   |
| Holmium    | 165-1 | 3005004  | 3014941  | 3022619  | 3014188  | 0.29   | cps   |
| Indium     | 115-1 | 2804888  | 2825602  | 2828325  | 2819605  | 0.45   | cps   |
| Indium     | 115-2 | 550997   | 558361   | 556266   | 555208   | 0.68   | cps   |
| Iron       | 56-2  | 86201321 | 86468227 | 86573519 | 86414356 | 0.22   | cps   |
| Iron       | 57-2  | 2243773  | 2269142  | 2271339  | 2261418  | 0.68   | cps   |
| Lead       | 206-1 | 49074    | 46576    | 48321    | 47991    | 2.67   | cps   |
| Lead       | 207-1 | 40546    | 40813    | 40685    | 40681    | 0.33   | cps   |
| Lead       | 208-1 | 188682   | 186143   | 186808   | 187211   | 0.70   | cps   |
| Lithium    | 6-1   | 488041   | 496559   | 496541   | 493713   | 1.00   | cps   |
| Magnesium  | 24-2  | 9884679  | 9833197  | 9870080  | 9862652  | 0.27   | cps   |
| Manganese  | 55-2  | 17798    | 18472    | 18842    | 18371    | 2.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2166345  | 2149683  | 2140500  | 2152176  | 0.61   | cps   |
| Molybdenum | 95-1  | 3689252  | 3657603  | 3647965  | 3664940  | 0.59   | cps   |
| Molybdenum | 96-1  | 3882355  | 3851322  | 3867608  | 3867095  | 0.40   | cps   |
| Molybdenum | 97-1  | 2197537  | 2181417  | 2170622  | 2183192  | 0.62   | cps   |
| Molybdenum | 98-1  | 5807744  | 5725445  | 5805354  | 5779514  | 0.81   | cps   |
| Neodymium  | 150-2 | 10       | 13       | 0        | 8        | 89.21  | cps   |
| Neodymium  | 150-1 | 20       | 7        | 13       | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 11772    | 12259    | 12652    | 12227    | 3.61   | cps   |
| Phosphorus | 31-2  | 196484   | 197338   | 197565   | 197129   | 0.29   | cps   |
| Potassium  | 39-2  | 8542946  | 8539900  | 8544775  | 8542540  | 0.03   | cps   |
| Rhodium    | 103-2 | 1389779  | 1399246  | 1400062  | 1396362  | 0.41   | cps   |
| Rhodium    | 103-1 | 2673499  | 2696257  | 2697545  | 2689100  | 0.50   | cps   |
| Scandium   | 45-1  | 2705150  | 2715244  | 2714339  | 2711578  | 0.21   | cps   |
| Scandium   | 45-2  | 117313   | 119299   | 120404   | 119005   | 1.32   | cps   |
| Selenium   | 82-1  | 1037     | 1069     | 985      | 1030     | 4.10   | cps   |
| Selenium   | 77-2  | 33       | 33       | 37       | 34       | 5.60   | cps   |
| Selenium   | 78-2  | 159      | 174      | 180      | 171      | 6.16   | cps   |
| Silicon    | 28-1  | 498950   | 499437   | 499884   | 499424   | 0.09   | cps   |
| Silver     | 107-1 | 69438    | 70057    | 70367    | 69954    | 0.68   | cps   |
| Silver     | 109-1 | 66339    | 65703    | 64614    | 65552    | 1.33   | cps   |
| Sodium     | 23-2  | 19320751 | 19392483 | 19358578 | 19357271 | 0.19   | cps   |
| Strontium  | 86-1  | 109162   | 108491   | 108809   | 108820   | 0.31   | cps   |
| Strontium  | 88-1  | 923815   | 918230   | 921909   | 921318   | 0.31   | cps   |
| Sulfur     | 34-1  | 2076061  | 2057699  | 2059084  | 2064281  | 0.50   | cps   |
| Terbium    | 159-2 | 1875323  | 1900619  | 1902791  | 1892911  | 0.81   | cps   |
| Terbium    | 159-1 | 3194727  | 3218763  | 3218998  | 3210829  | 0.43   | cps   |
| Thallium   | 203-1 | 47226    | 46315    | 46023    | 46521    | 1.35   | cps   |
| Thallium   | 205-1 | 111549   | 110188   | 110868   | 110868   | 0.61   | cps   |
| Tin        | 118-1 | 144267   | 140328   | 141034   | 141876   | 1.48   | cps   |
| Titanium   | 47-1  | 1273652  | 1273156  | 1268628  | 1271812  | 0.22   | cps   |
| Uranium    | 238-1 | 486577   | 479817   | 475816   | 480737   | 1.13   | cps   |
| Vanadium   | 51-2  | 22073    | 22120    | 22828    | 22340    | 1.89   | cps   |
| Yttrium    | 89-1  | 3443420  | 3486135  | 3508624  | 3479393  | 0.95   | cps   |
| Yttrium    | 89-2  | 525498   | 529531   | 532826   | 529285   | 0.69   | cps   |
| Zinc       | 66-2  | 4911     | 4884     | 4828     | 4874     | 0.87   | cps   |
| Zirconium  | 90-1  | 369381   | 366175   | 366086   | 367214   | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 16:57:47 | DataFile Name :   | 014ICSB.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 83519 | 80887 | 81734 | 82046   | 1.64   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 392553   | 398241   | 405805   | 398866   | 1.67   | cps   |
| Antimony   | 121-1 | 1536974  | 1543244  | 1589992  | 1556737  | 1.86   | cps   |
| Arsenic    | 75-2  | 63160    | 63212    | 64265    | 63546    | 0.98   | cps   |
| Barium     | 135-1 | 1929527  | 1912137  | 1969606  | 1937090  | 1.52   | cps   |
| Barium     | 137-1 | 3282966  | 3300681  | 3364717  | 3316121  | 1.30   | cps   |
| Beryllium  | 9-1   | 311842   | 312086   | 319179   | 314369   | 1.33   | cps   |
| Bismuth    | 209-1 | 1904083  | 1940197  | 1881800  | 1908694  | 1.54   | cps   |
| Bismuth    | 209-2 | 1245341  | 1250377  | 1258469  | 1251396  | 0.53   | cps   |
| Boron      | 10-1  | 44015    | 45361    | 47994    | 45790    | 4.42   | cps   |
| Boron      | 11-1  | 221917   | 230895   | 241913   | 231575   | 4.32   | cps   |
| Cadmium    | 106-1 | 40526    | 41871    | 42273    | 41557    | 2.20   | cps   |
| Cadmium    | 108-1 | 27247    | 27581    | 27427    | 27418    | 0.61   | cps   |
| Cadmium    | 111-1 | 366806   | 366987   | 375458   | 369750   | 1.34   | cps   |
| Calcium    | 43-1  | 690336   | 688901   | 701937   | 693725   | 1.03   | cps   |
| Calcium    | 44-1  | 10701352 | 10686048 | 10870305 | 10752568 | 0.95   | cps   |
| Chromium   | 52-2  | 659760   | 668807   | 674597   | 667721   | 1.12   | cps   |
| Cobalt     | 59-2  | 974481   | 983819   | 992549   | 983616   | 0.92   | cps   |
| Copper     | 63-2  | 1286955  | 1297575  | 1301415  | 1295315  | 0.58   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Dysprosium | 156-1 | 0        | 17       | 33       | 17       | 99.99  | cps   |
| Erbium     | 164-1 | 8        | 8        | 33       | 17       | 86.62  | cps   |
| Erbium     | 164-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Gadolinium | 160-2 | 17       | 13       | 10       | 13       | 25.01  | cps   |
| Gadolinium | 160-1 | 8        | 25       | 25       | 19       | 49.50  | cps   |
| Holmium    | 165-2 | 1877107  | 1888226  | 1903084  | 1889472  | 0.69   | cps   |
| Holmium    | 165-1 | 3109595  | 3111900  | 3069508  | 3097001  | 0.77   | cps   |
| Indium     | 115-1 | 2673169  | 2688945  | 2904773  | 2755629  | 4.70   | cps   |
| Indium     | 115-2 | 557858   | 566293   | 574033   | 566062   | 1.43   | cps   |
| Iron       | 56-2  | 23165210 | 23121598 | 23220135 | 23168981 | 0.21   | cps   |
| Iron       | 57-2  | 608536   | 610377   | 617977   | 612297   | 0.82   | cps   |
| Lead       | 206-1 | 957812   | 953206   | 970082   | 960367   | 0.91   | cps   |
| Lead       | 207-1 | 879354   | 878078   | 890386   | 882606   | 0.77   | cps   |
| Lead       | 208-1 | 3876644  | 3879104  | 3934213  | 3896654  | 0.84   | cps   |
| Lithium    | 6-1   | 516341   | 519185   | 504984   | 513503   | 1.46   | cps   |
| Magnesium  | 24-2  | 5193474  | 5200401  | 5212702  | 5202192  | 0.19   | cps   |
| Manganese  | 55-2  | 667302   | 676206   | 677908   | 673805   | 0.85   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1729323  | 1723214  | 1761575  | 1738037  | 1.19   | cps   |
| Molybdenum | 95-1  | 931450   | 926750   | 942749   | 933650   | 0.88   | cps   |
| Molybdenum | 96-1  | 1184409  | 1181940  | 1199359  | 1188569  | 0.79   | cps   |
| Molybdenum | 97-1  | 578948   | 573574   | 586064   | 579529   | 1.08   | cps   |
| Molybdenum | 98-1  | 1451004  | 1458974  | 1480255  | 1463411  | 1.03   | cps   |
| Neodymium  | 150-1 | 140      | 87       | 87       | 104      | 29.48  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 249967   | 255721   | 256083   | 253924   | 1.35   | cps   |
| Phosphorus | 31-2  | 20857    | 20440    | 21399    | 20899    | 2.30   | cps   |
| Potassium  | 39-2  | 2246961  | 2263352  | 2287660  | 2265991  | 0.90   | cps   |
| Rhodium    | 103-2 | 1429563  | 1445698  | 1443594  | 1439618  | 0.61   | cps   |
| Rhodium    | 103-1 | 2844835  | 2863190  | 2797601  | 2835209  | 1.19   | cps   |
| Scandium   | 45-1  | 2799487  | 2823394  | 2746552  | 2789811  | 1.41   | cps   |
| Scandium   | 45-2  | 121184   | 121765   | 123345   | 122098   | 0.92   | cps   |
| Selenium   | 77-2  | 1007     | 1110     | 1037     | 1051     | 5.06   | cps   |
| Selenium   | 78-2  | 3645     | 3760     | 3865     | 3757     | 2.93   | cps   |
| Selenium   | 82-1  | 27289    | 26893    | 27988    | 27390    | 2.02   | cps   |
| Silicon    | 28-1  | 1640591  | 1648830  | 1678930  | 1656117  | 1.22   | cps   |
| Silver     | 109-1 | 1707020  | 1712712  | 1751172  | 1723635  | 1.39   | cps   |
| Silver     | 107-1 | 1807083  | 1798968  | 1843435  | 1816495  | 1.30   | cps   |
| Sodium     | 23-2  | 10215839 | 10281579 | 10260920 | 10252779 | 0.33   | cps   |
| Strontium  | 86-1  | 678229   | 675788   | 688791   | 680936   | 1.01   | cps   |
| Strontium  | 88-1  | 5677436  | 5719818  | 5803513  | 5733589  | 1.12   | cps   |
| Sulfur     | 34-1  | 357290   | 352589   | 360740   | 356873   | 1.15   | cps   |
| Terbium    | 159-1 | 3309900  | 3320157  | 3280770  | 3303609  | 0.62   | cps   |
| Terbium    | 159-2 | 1913391  | 1934936  | 1939812  | 1929380  | 0.73   | cps   |
| Thallium   | 203-1 | 1168086  | 1162131  | 1182841  | 1171019  | 0.91   | cps   |
| Thallium   | 205-1 | 2698584  | 2699951  | 2742858  | 2713798  | 0.93   | cps   |
| Tin        | 118-1 | 1267285  | 1269260  | 1317366  | 1284637  | 2.21   | cps   |
| Titanium   | 47-1  | 331790   | 329744   | 331132   | 330889   | 0.32   | cps   |
| Uranium    | 238-1 | 4327097  | 4377829  | 4462751  | 4389226  | 1.56   | cps   |
| Vanadium   | 51-2  | 576298   | 579793   | 587247   | 581112   | 0.96   | cps   |
| Yttrium    | 89-2  | 532472   | 534512   | 540880   | 535955   | 0.82   | cps   |
| Yttrium    | 89-1  | 3619798  | 3628101  | 3570996  | 3606298  | 0.86   | cps   |
| Zinc       | 66-2  | 160328   | 161565   | 163658   | 161850   | 1.04   | cps   |
| Zirconium  | 90-1  | 3270403  | 3259719  | 3330542  | 3286888  | 1.16   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:01:21 | DataFile Name :   | 015CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 758677 | 755636 | 775410 | 763241  | 1.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Antimony   | 121-1 | 3242    | 4084    | 4559    | 3962    | 16.84  | cps   |
| Arsenic    | 75-2  | 19      | 11      | 26      | 19      | 40.01  | cps   |
| Barium     | 135-1 | 67      | 25      | 50      | 47      | 44.41  | cps   |
| Barium     | 137-1 | 67      | 108     | 92      | 89      | 23.59  | cps   |
| Beryllium  | 9-1   | 22      | 67      | 17      | 35      | 77.89  | cps   |
| Bismuth    | 209-2 | 1240603 | 1254690 | 1255179 | 1250157 | 0.66   | cps   |
| Bismuth    | 209-1 | 1913352 | 1866013 | 1856920 | 1878762 | 1.61   | cps   |
| Boron      | 10-1  | 533     | 467     | 383     | 461     | 16.30  | cps   |
| Boron      | 11-1  | 2259    | 2100    | 2209    | 2189    | 3.70   | cps   |
| Cadmium    | 106-1 | 733     | 808     | 933     | 825     | 12.25  | cps   |
| Cadmium    | 108-1 | 0       | 4       | 4       | 3       | 86.60  | cps   |
| Cadmium    | 111-1 | 513     | 567     | 659     | 580     | 12.68  | cps   |
| Calcium    | 43-1  | 75      | 92      | 125     | 97      | 26.19  | cps   |
| Calcium    | 44-1  | 4384    | 4434    | 4551    | 4456    | 1.92   | cps   |
| Chromium   | 52-2  | 310     | 293     | 330     | 311     | 5.90   | cps   |
| Cobalt     | 59-2  | 60      | 97      | 57      | 71      | 31.21  | cps   |
| Copper     | 63-2  | 257     | 280     | 217     | 251     | 12.76  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 25      | 8       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Holmium    | 165-1 | 3048199 | 2982469 | 3003251 | 3011306 | 1.12   | cps   |
| Holmium    | 165-2 | 1820171 | 1834856 | 1830317 | 1828448 | 0.41   | cps   |
| Indium     | 115-2 | 559579  | 561682  | 565573  | 562278  | 0.54   | cps   |
| Indium     | 115-1 | 2879455 | 2842784 | 2826863 | 2849701 | 0.95   | cps   |
| Iron       | 56-2  | 2634    | 2828    | 2739    | 2734    | 3.56   | cps   |
| Iron       | 57-2  | 89      | 83      | 50      | 74      | 28.40  | cps   |
| Lead       | 206-1 | 267     | 300     | 328     | 298     | 10.26  | cps   |
| Lead       | 207-1 | 333     | 272     | 267     | 291     | 12.72  | cps   |
| Lead       | 208-1 | 1245    | 1278    | 1211    | 1245    | 2.68   | cps   |
| Lithium    | 6-1   | 497147  | 496043  | 492521  | 495237  | 0.49   | cps   |
| Magnesium  | 24-2  | 175     | 200     | 142     | 172     | 16.99  | cps   |
| Manganese  | 55-2  | 37      | 33      | 37      | 36      | 5.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 500     | 817     | 983     | 767     | 32.02  | cps   |
| Molybdenum | 95-1  | 733     | 825     | 1192    | 917     | 26.46  | cps   |
| Molybdenum | 96-1  | 833     | 1117    | 1075    | 1008    | 15.17  | cps   |
| Molybdenum | 97-1  | 450     | 392     | 842     | 561     | 43.61  | cps   |
| Molybdenum | 98-1  | 1075    | 1634    | 1709    | 1472    | 23.51  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 13      | 10      | 13      | 12      | 15.73  | cps   |
| Phosphorus | 31-2  | 83      | 42      | 17      | 47      | 71.32  | cps   |
| Potassium  | 39-2  | 9770    | 9712    | 9762    | 9748    | 0.32   | cps   |
| Rhodium    | 103-2 | 1429315 | 1445049 | 1444651 | 1439672 | 0.62   | cps   |
| Rhodium    | 103-1 | 2838306 | 2789413 | 2777169 | 2801629 | 1.15   | cps   |
| Scandium   | 45-1  | 2712073 | 2696692 | 2688375 | 2699047 | 0.45   | cps   |
| Scandium   | 45-2  | 118203  | 117437  | 119765  | 118469  | 1.00   | cps   |
| Selenium   | 82-1  | -28     | 72      | 4       | 16      | 321.61 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 30      | 28      | 26      | 28      | 6.66   | cps   |
| Silicon    | 28-1  | 282296  | 283762  | 282965  | 283008  | 0.26   | cps   |
| Silver     | 109-1 | 33      | 33      | 67      | 44      | 43.31  | cps   |
| Silver     | 107-1 | 42      | 67      | 58      | 56      | 22.91  | cps   |
| Sodium     | 23-2  | 12489   | 12789   | 12748   | 12675   | 1.28   | cps   |
| Strontium  | 86-1  | 842     | 725     | 658     | 742     | 12.51  | cps   |
| Strontium  | 88-1  | 67      | 125     | 108     | 100     | 30.05  | cps   |
| Sulfur     | 34-1  | 162745  | 162079  | 161153  | 161992  | 0.49   | cps   |
| Terbium    | 159-2 | 1848845 | 1869085 | 1859984 | 1859305 | 0.55   | cps   |
| Terbium    | 159-1 | 3210555 | 3210987 | 3230742 | 3217428 | 0.36   | cps   |
| Thallium   | 203-1 | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Thallium   | 205-1 | 100     | 42      | 75      | 72      | 40.52  | cps   |
| Tin        | 118-1 | 592     | 633     | 508     | 578     | 11.02  | cps   |
| Titanium   | 47-1  | 142     | 117     | 108     | 122     | 14.19  | cps   |
| Uranium    | 238-1 | 83      | 50      | 25      | 53      | 55.46  | cps   |
| Vanadium   | 51-2  | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Yttrium    | 89-1  | 3529671 | 3496729 | 3491445 | 3505948 | 0.59   | cps   |
| Yttrium    | 89-2  | 520264  | 523383  | 521435  | 521694  | 0.30   | cps   |
| Zinc       | 66-2  | 50      | 40      | 63      | 51      | 22.90  | cps   |
| Zirconium  | 90-1  | 433     | 450     | 583     | 489     | 16.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:11:40 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 92   | 67   | 78      | 16.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 683     | 1092    | 758     | 845     | 25.74  | cps   |
| Antimony   | 121-1 | 8036    | 7352    | 7636    | 7675    | 4.48   | cps   |
| Arsenic    | 75-2  | 111     | 120     | 131     | 121     | 8.43   | cps   |
| Barium     | 135-1 | 7602    | 7411    | 7552    | 7522    | 1.32   | cps   |
| Barium     | 137-1 | 13474   | 13641   | 13065   | 13393   | 2.21   | cps   |
| Beryllium  | 9-1   | 717     | 778     | 739     | 744     | 4.16   | cps   |
| Bismuth    | 209-1 | 1904349 | 1859265 | 1822799 | 1862138 | 2.19   | cps   |
| Bismuth    | 209-2 | 1253416 | 1270941 | 1256655 | 1260337 | 0.74   | cps   |
| Boron      | 10-1  | 2892    | 2625    | 2934    | 2817    | 5.94   | cps   |
| Boron      | 11-1  | 14065   | 14224   | 13640   | 13976   | 2.16   | cps   |
| Cadmium    | 106-1 | 992     | 850     | 817     | 886     | 10.49  | cps   |
| Cadmium    | 108-1 | 50      | 58      | 54      | 54      | 7.69   | cps   |
| Cadmium    | 111-1 | 1355    | 1263    | 1230    | 1282    | 5.07   | cps   |
| Calcium    | 43-1  | 6668    | 6944    | 6735    | 6782    | 2.12   | cps   |
| Calcium    | 44-1  | 112962  | 115640  | 111434  | 113345  | 1.88   | cps   |
| Chromium   | 52-2  | 2974    | 3110    | 2964    | 3016    | 2.72   | cps   |
| Cobalt     | 59-2  | 2164    | 1980    | 1960    | 2035    | 5.51   | cps   |
| Copper     | 63-2  | 2890    | 3137    | 3250    | 3093    | 5.95   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Erbium     | 164-1 | 8       | 42      | 42      | 31      | 62.99  | cps   |
| Erbium     | 164-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Holmium    | 165-1 | 2997771 | 2987670 | 2973662 | 2986368 | 0.41   | cps   |
| Holmium    | 165-2 | 1828587 | 1834960 | 1827841 | 1830463 | 0.21   | cps   |
| Indium     | 115-2 | 559969  | 563849  | 564765  | 562861  | 0.45   | cps   |
| Indium     | 115-1 | 2877473 | 2826436 | 2791737 | 2831882 | 1.52   | cps   |
| Iron       | 56-2  | 51095   | 52739   | 52840   | 52225   | 1.88   | cps   |
| Iron       | 57-2  | 1500    | 1217    | 1261    | 1326    | 11.49  | cps   |
| Lead       | 206-1 | 2306    | 2423    | 2467    | 2398    | 3.47   | cps   |
| Lead       | 207-1 | 1995    | 2056    | 2150    | 2067    | 3.79   | cps   |
| Lead       | 208-1 | 9246    | 9240    | 9663    | 9383    | 2.58   | cps   |
| Lithium    | 6-1   | 499917  | 491896  | 487976  | 493263  | 1.23   | cps   |
| Magnesium  | 24-2  | 52091   | 51732   | 52166   | 51996   | 0.45   | cps   |
| Manganese  | 55-2  | 820     | 747     | 730     | 766     | 6.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7085    | 7486    | 7811    | 7461    | 4.87   | cps   |
| Molybdenum | 95-1  | 9528    | 9370    | 9645    | 9515    | 1.45   | cps   |
| Molybdenum | 96-1  | 10171   | 10721   | 10805   | 10565   | 3.26   | cps   |
| Molybdenum | 97-1  | 5726    | 5626    | 6002    | 5785    | 3.36   | cps   |
| Molybdenum | 98-1  | 15000   | 15351   | 15409   | 15253   | 1.45   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 557     | 547     | 600     | 568     | 4.99   | cps   |
| Phosphorus | 31-2  | 108     | 117     | 125     | 117     | 7.14   | cps   |
| Potassium  | 39-2  | 52159   | 53891   | 54107   | 53386   | 2.00   | cps   |
| Rhodium    | 103-2 | 1436317 | 1438355 | 1448673 | 1441115 | 0.46   | cps   |
| Rhodium    | 103-1 | 2820180 | 2751932 | 2734821 | 2768978 | 1.63   | cps   |
| Scandium   | 45-1  | 2705189 | 2657764 | 2635259 | 2666070 | 1.34   | cps   |
| Scandium   | 45-2  | 117975  | 118996  | 119110  | 118694  | 0.53   | cps   |
| Selenium   | 77-2  | 3       | 3       | 13      | 7       | 86.65  | cps   |
| Selenium   | 78-2  | 67      | 87      | 81      | 78      | 13.43  | cps   |
| Selenium   | 82-1  | 282     | 288     | 286     | 285     | 1.03   | cps   |
| Silicon    | 28-1  | 299398  | 299110  | 302290  | 300266  | 0.59   | cps   |
| Silver     | 109-1 | 3901    | 3992    | 4409    | 4101    | 6.61   | cps   |
| Silver     | 107-1 | 4634    | 4584    | 4259    | 4493    | 4.53   | cps   |
| Sodium     | 23-2  | 112200  | 114484  | 115399  | 114028  | 1.44   | cps   |
| Strontium  | 86-1  | 1975    | 2117    | 1959    | 2017    | 4.31   | cps   |
| Strontium  | 88-1  | 11480   | 11197   | 11213   | 11297   | 1.41   | cps   |
| Sulfur     | 34-1  | 162206  | 161961  | 162341  | 162169  | 0.12   | cps   |
| Terbium    | 159-1 | 3207534 | 3210875 | 3141849 | 3186753 | 1.22   | cps   |
| Terbium    | 159-2 | 1870579 | 1862355 | 1876241 | 1869725 | 0.37   | cps   |
| Thallium   | 203-1 | 2684    | 2442    | 2450    | 2525    | 5.43   | cps   |
| Thallium   | 205-1 | 5768    | 5827    | 5468    | 5688    | 3.38   | cps   |
| Tin        | 118-1 | 13657   | 13699   | 13165   | 13507   | 2.20   | cps   |
| Titanium   | 47-1  | 3309    | 3084    | 3109    | 3167    | 3.89   | cps   |
| Uranium    | 238-1 | 9529    | 8887    | 9462    | 9293    | 3.80   | cps   |
| Vanadium   | 51-2  | 5541    | 5491    | 5618    | 5550    | 1.15   | cps   |
| Yttrium    | 89-2  | 523347  | 520367  | 522008  | 521907  | 0.29   | cps   |
| Yttrium    | 89-1  | 3459067 | 3451608 | 3411593 | 3440756 | 0.74   | cps   |
| Zinc       | 66-2  | 517     | 500     | 463     | 493     | 5.53   | cps   |
| Zirconium  | 90-1  | 6068    | 5885    | 5701    | 5885    | 3.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:15:14 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1292 | 1017 | 1133 | 1147    | 12.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Antimony   | 121-1 | 642     | 758     | 917     | 772     | 17.87  | cps   |
| Arsenic    | 75-2  | 4       | 15      | 7       | 9       | 65.47  | cps   |
| Barium     | 135-1 | 33      | 25      | 58      | 39      | 44.62  | cps   |
| Barium     | 137-1 | 83      | 42      | 33      | 53      | 50.76  | cps   |
| Beryllium  | 9-1   | 33      | 56      | 50      | 46      | 24.99  | cps   |
| Bismuth    | 209-2 | 1256277 | 1264009 | 1262151 | 1260812 | 0.32   | cps   |
| Bismuth    | 209-1 | 1927785 | 1831376 | 1885763 | 1881641 | 2.57   | cps   |
| Boron      | 10-1  | 383     | 383     | 367     | 378     | 2.55   | cps   |
| Boron      | 11-1  | 2075    | 1900    | 1742    | 1906    | 8.75   | cps   |
| Cadmium    | 106-1 | 933     | 883     | 758     | 858     | 10.50  | cps   |
| Cadmium    | 108-1 | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Cadmium    | 111-1 | 655     | 620     | 532     | 602     | 10.48  | cps   |
| Calcium    | 43-1  | 67      | 133     | 83      | 94      | 36.73  | cps   |
| Calcium    | 44-1  | 4176    | 3967    | 4493    | 4212    | 6.28   | cps   |
| Chromium   | 52-2  | 267     | 293     | 287     | 282     | 4.92   | cps   |
| Cobalt     | 59-2  | 60      | 47      | 60      | 56      | 13.85  | cps   |
| Copper     | 63-2  | 187     | 173     | 187     | 182     | 4.22   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Erbium     | 164-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Gadolinium | 160-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Gadolinium | 160-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Holmium    | 165-2 | 1826461 | 1836763 | 1838543 | 1833922 | 0.36   | cps   |
| Holmium    | 165-1 | 3045756 | 2914463 | 2998665 | 2986295 | 2.23   | cps   |
| Indium     | 115-2 | 561997  | 561189  | 566498  | 563228  | 0.51   | cps   |
| Indium     | 115-1 | 2912821 | 2763810 | 2838800 | 2838477 | 2.62   | cps   |
| Iron       | 56-2  | 2078    | 1934    | 2084    | 2032    | 4.19   | cps   |
| Iron       | 57-2  | 50      | 50      | 33      | 44      | 21.66  | cps   |
| Lead       | 206-1 | 344     | 244     | 333     | 307     | 17.83  | cps   |
| Lead       | 207-1 | 272     | 256     | 283     | 270     | 5.17   | cps   |
| Lead       | 208-1 | 1283    | 1233    | 1372    | 1296    | 5.43   | cps   |
| Lithium    | 6-1   | 506456  | 482645  | 497383  | 495495  | 2.43   | cps   |
| Magnesium  | 24-2  | 192     | 167     | 100     | 153     | 31.02  | cps   |
| Manganese  | 55-2  | 10      | 33      | 47      | 30      | 61.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 358     | 367     | 458     | 394     | 14.07  | cps   |
| Molybdenum | 95-1  | 383     | 542     | 583     | 503     | 20.99  | cps   |
| Molybdenum | 96-1  | 483     | 508     | 642     | 544     | 15.64  | cps   |
| Molybdenum | 97-1  | 250     | 325     | 300     | 292     | 13.09  | cps   |
| Molybdenum | 98-1  | 592     | 675     | 642     | 636     | 6.59   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 7       | 10      | 10      | 9       | 21.63  | cps   |
| Phosphorus | 31-2  | 42      | 17      | 33      | 31      | 41.66  | cps   |
| Potassium  | 39-2  | 9445    | 9945    | 9487    | 9626    | 2.88   | cps   |
| Rhodium    | 103-2 | 1438145 | 1445505 | 1453366 | 1445672 | 0.53   | cps   |
| Rhodium    | 103-1 | 2868783 | 2712379 | 2796333 | 2792498 | 2.80   | cps   |
| Scandium   | 45-1  | 2729041 | 2584984 | 2702140 | 2672055 | 2.87   | cps   |
| Scandium   | 45-2  | 117659  | 118671  | 118973  | 118434  | 0.58   | cps   |
| Selenium   | 82-1  | 10      | 8       | -2      | 5       | 115.53 | cps   |
| Selenium   | 77-2  | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 37      | 33      | 35      | 35      | 5.27   | cps   |
| Silicon    | 28-1  | 283195  | 279529  | 283227  | 281984  | 0.75   | cps   |
| Silver     | 107-1 | 58      | 58      | 50      | 56      | 8.67   | cps   |
| Silver     | 109-1 | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Sodium     | 23-2  | 11371   | 11672   | 11313   | 11452   | 1.68   | cps   |
| Strontium  | 86-1  | 758     | 733     | 750     | 747     | 1.70   | cps   |
| Strontium  | 88-1  | 67      | 125     | 83      | 92      | 32.78  | cps   |
| Sulfur     | 34-1  | 163470  | 161879  | 160363  | 161904  | 0.96   | cps   |
| Terbium    | 159-2 | 1863976 | 1871298 | 1871963 | 1869079 | 0.24   | cps   |
| Terbium    | 159-1 | 3230760 | 3111881 | 3217741 | 3186794 | 2.05   | cps   |
| Thallium   | 203-1 | 42      | 8       | 8       | 19      | 99.00  | cps   |
| Thallium   | 205-1 | 75      | 117     | 42      | 78      | 48.31  | cps   |
| Tin        | 118-1 | 342     | 358     | 375     | 358     | 4.65   | cps   |
| Titanium   | 47-1  | 92      | 92      | 67      | 83      | 17.32  | cps   |
| Uranium    | 238-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Vanadium   | 51-2  | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Yttrium    | 89-1  | 3508583 | 3405746 | 3483450 | 3465927 | 1.55   | cps   |
| Yttrium    | 89-2  | 520850  | 522573  | 526048  | 523157  | 0.51   | cps   |
| Zinc       | 66-2  | 33      | 40      | 30      | 34      | 14.78  | cps   |
| Zirconium  | 90-1  | 517     | 500     | 425     | 481     | 10.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:18:49 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 92   | 92   | 86      | 11.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1575    | 1850    | 1659    | 1695    | 8.32   | cps   |
| Antimony   | 121-1 | 12473   | 12331   | 12214   | 12339   | 1.05   | cps   |
| Arsenic    | 75-2  | 241     | 224     | 219     | 228     | 5.08   | cps   |
| Barium     | 135-1 | 14325   | 14483   | 14617   | 14475   | 1.01   | cps   |
| Barium     | 137-1 | 24456   | 24823   | 24656   | 24645   | 0.75   | cps   |
| Beryllium  | 9-1   | 1200    | 1233    | 1028    | 1154    | 9.56   | cps   |
| Bismuth    | 209-1 | 1923431 | 1909783 | 1881381 | 1904865 | 1.13   | cps   |
| Bismuth    | 209-2 | 1259942 | 1249398 | 1257411 | 1255584 | 0.44   | cps   |
| Boron      | 10-1  | 4559    | 4534    | 4684    | 4593    | 1.75   | cps   |
| Boron      | 11-1  | 22927   | 23945   | 23502   | 23458   | 2.18   | cps   |
| Cadmium    | 106-1 | 950     | 1033    | 817     | 933     | 11.71  | cps   |
| Cadmium    | 108-1 | 117     | 117     | 113     | 115     | 2.09   | cps   |
| Cadmium    | 111-1 | 1892    | 1888    | 1856    | 1878    | 1.06   | cps   |
| Calcium    | 43-1  | 12239   | 11964   | 12489   | 12230   | 2.15   | cps   |
| Calcium    | 44-1  | 203607  | 202534  | 201732  | 202624  | 0.46   | cps   |
| Chromium   | 52-2  | 5094    | 5384    | 5418    | 5299    | 3.36   | cps   |
| Cobalt     | 59-2  | 3657    | 3781    | 3604    | 3681    | 2.46   | cps   |
| Copper     | 63-2  | 5134    | 4948    | 5264    | 5115    | 3.11   | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Dysprosium | 156-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Erbium     | 164-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Holmium    | 165-2 | 1834513 | 1815164 | 1827597 | 1825758 | 0.54   | cps   |
| Holmium    | 165-1 | 3003749 | 3060496 | 3007277 | 3023841 | 1.05   | cps   |
| Indium     | 115-1 | 2906268 | 2894662 | 2852795 | 2884575 | 0.98   | cps   |
| Indium     | 115-2 | 558593  | 559898  | 562086  | 560192  | 0.32   | cps   |
| Iron       | 56-2  | 396710  | 396137  | 394512  | 395786  | 0.29   | cps   |
| Iron       | 57-2  | 9414    | 10009   | 9581    | 9668    | 3.17   | cps   |
| Lead       | 206-1 | 3912    | 4073    | 4201    | 4062    | 3.57   | cps   |
| Lead       | 207-1 | 3834    | 3728    | 3751    | 3771    | 1.48   | cps   |
| Lead       | 208-1 | 16516   | 15732   | 16404   | 16217   | 2.62   | cps   |
| Lithium    | 6-1   | 503484  | 502098  | 497898  | 501160  | 0.58   | cps   |
| Magnesium  | 24-2  | 96576   | 96123   | 96634   | 96444   | 0.29   | cps   |
| Manganese  | 55-2  | 1220    | 1247    | 1327    | 1265    | 4.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 13724   | 13232   | 12798   | 13251   | 3.50   | cps   |
| Molybdenum | 95-1  | 17103   | 16835   | 16994   | 16977   | 0.79   | cps   |
| Molybdenum | 96-1  | 18705   | 18538   | 19005   | 18749   | 1.26   | cps   |
| Molybdenum | 97-1  | 10563   | 10412   | 10704   | 10560   | 1.38   | cps   |
| Molybdenum | 98-1  | 27744   | 27218   | 26408   | 27124   | 2.48   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1103    | 1027    | 957     | 1029    | 7.13   | cps   |
| Phosphorus | 31-2  | 133     | 100     | 100     | 111     | 17.32  | cps   |
| Potassium  | 39-2  | 90668   | 90759   | 91851   | 91093   | 0.72   | cps   |
| Rhodium    | 103-2 | 1440060 | 1436848 | 1441674 | 1439527 | 0.17   | cps   |
| Rhodium    | 103-1 | 2855909 | 2830915 | 2798199 | 2828341 | 1.02   | cps   |
| Scandium   | 45-1  | 2747269 | 2724611 | 2721776 | 2731218 | 0.51   | cps   |
| Scandium   | 45-2  | 118922  | 116688  | 118038  | 117883  | 0.95   | cps   |
| Selenium   | 77-2  | 13      | 27      | 23      | 21      | 32.88  | cps   |
| Selenium   | 78-2  | 106     | 102     | 96      | 101     | 4.60   | cps   |
| Selenium   | 82-1  | 553     | 387     | 460     | 467     | 17.86  | cps   |
| Silicon    | 28-1  | 306613  | 305299  | 308843  | 306918  | 0.58   | cps   |
| Silver     | 109-1 | 8378    | 7936    | 7494    | 7936    | 5.57   | cps   |
| Silver     | 107-1 | 8386    | 8069    | 8211    | 8222    | 1.93   | cps   |
| Sodium     | 23-2  | 197735  | 199213  | 201013  | 199320  | 0.82   | cps   |
| Strontium  | 86-1  | 3292    | 3284    | 3175    | 3251    | 2.00   | cps   |
| Strontium  | 88-1  | 20499   | 19739   | 19864   | 20034   | 2.03   | cps   |
| Sulfur     | 34-1  | 165905  | 165180  | 160741  | 163942  | 1.71   | cps   |
| Terbium    | 159-1 | 3236832 | 3276894 | 3253270 | 3255666 | 0.62   | cps   |
| Terbium    | 159-2 | 1863255 | 1864463 | 1874803 | 1867507 | 0.34   | cps   |
| Thallium   | 203-1 | 4568    | 4268    | 4643    | 4493    | 4.42   | cps   |
| Thallium   | 205-1 | 11047   | 10538   | 10171   | 10585   | 4.15   | cps   |
| Tin        | 118-1 | 24656   | 23671   | 24230   | 24185   | 2.04   | cps   |
| Titanium   | 47-1  | 5776    | 6202    | 6068    | 6015    | 3.61   | cps   |
| Uranium    | 238-1 | 17212   | 17504   | 16469   | 17062   | 3.13   | cps   |
| Vanadium   | 51-2  | 10437   | 10014   | 10424   | 10291   | 2.34   | cps   |
| Yttrium    | 89-2  | 520029  | 519184  | 521803  | 520339  | 0.26   | cps   |
| Yttrium    | 89-1  | 3482588 | 3489625 | 3491465 | 3487893 | 0.13   | cps   |
| Zinc       | 66-2  | 683     | 677     | 817     | 726     | 10.89  | cps   |
| Zirconium  | 90-1  | 10187   | 10696   | 9971    | 10285   | 3.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97063BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:22:24 | DataFile Name :   | 019LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2550 | 2542 | 2225 | 2439    | 7.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 342     | 308     | 517     | 389     | 28.78  | cps   |
| Arsenic    | 75-2  | 7       | 4       | 15      | 9       | 65.47  | cps   |
| Barium     | 135-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Barium     | 137-1 | 33      | 50      | 50      | 44      | 21.66  | cps   |
| Beryllium  | 9-1   | 22      | 17      | 39      | 26      | 44.60  | cps   |
| Bismuth    | 209-1 | 1915517 | 1885682 | 1813550 | 1871583 | 2.80   | cps   |
| Bismuth    | 209-2 | 1225953 | 1244209 | 1239417 | 1236526 | 0.77   | cps   |
| Boron      | 10-1  | 317     | 358     | 425     | 367     | 14.90  | cps   |
| Boron      | 11-1  | 2159    | 1809    | 1909    | 1959    | 9.21   | cps   |
| Cadmium    | 106-1 | 883     | 925     | 742     | 850     | 11.31  | cps   |
| Cadmium    | 108-1 | 4       | 0       | 8       | 4       | 99.96  | cps   |
| Cadmium    | 111-1 | 620     | 648     | 513     | 594     | 11.93  | cps   |
| Calcium    | 43-1  | 133     | 108     | 92      | 111     | 18.88  | cps   |
| Calcium    | 44-1  | 3976    | 4326    | 3992    | 4098    | 4.82   | cps   |
| Chromium   | 52-2  | 260     | 343     | 297     | 300     | 13.92  | cps   |
| Cobalt     | 59-2  | 53      | 60      | 40      | 51      | 19.92  | cps   |
| Copper     | 63-2  | 167     | 163     | 207     | 179     | 13.48  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-2 | 13      | 17      | 3       | 11      | 62.48  | cps   |
| Erbium     | 164-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Gadolinium | 160-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Gadolinium | 160-2 | 13      | 3       | 3       | 7       | 86.65  | cps   |
| Holmium    | 165-2 | 1792084 | 1805335 | 1811492 | 1802970 | 0.55   | cps   |
| Holmium    | 165-1 | 2975894 | 2955930 | 2919102 | 2950309 | 0.98   | cps   |
| Indium     | 115-1 | 2875646 | 2824826 | 2755981 | 2818817 | 2.13   | cps   |
| Indium     | 115-2 | 543471  | 552138  | 553180  | 549596  | 0.97   | cps   |
| Iron       | 56-2  | 1828    | 1806    | 1822    | 1819    | 0.64   | cps   |
| Iron       | 57-2  | 78      | 50      | 56      | 61      | 24.05  | cps   |
| Lead       | 206-1 | 422     | 244     | 317     | 328     | 27.28  | cps   |
| Lead       | 207-1 | 267     | 272     | 289     | 276     | 4.19   | cps   |
| Lead       | 208-1 | 1361    | 1156    | 1261    | 1259    | 8.16   | cps   |
| Lithium    | 6-1   | 494871  | 490576  | 484952  | 490133  | 1.01   | cps   |
| Magnesium  | 24-2  | 125     | 142     | 125     | 131     | 7.37   | cps   |
| Manganese  | 55-2  | 23      | 40      | 20      | 28      | 38.58  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 342     | 375     | 433     | 383     | 12.10  | cps   |
| Molybdenum | 95-1  | 225     | 325     | 450     | 333     | 33.82  | cps   |
| Molybdenum | 96-1  | 408     | 450     | 617     | 492     | 22.42  | cps   |
| Molybdenum | 97-1  | 158     | 250     | 267     | 225     | 25.93  | cps   |
| Molybdenum | 98-1  | 533     | 558     | 633     | 575     | 9.05   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 7       | 20      | 13      | 13      | 49.99  | cps   |
| Phosphorus | 31-2  | 58      | 83      | 42      | 61      | 34.32  | cps   |
| Potassium  | 39-2  | 9320    | 9345    | 9678    | 9448    | 2.12   | cps   |
| Rhodium    | 103-1 | 2813009 | 2762672 | 2727452 | 2767711 | 1.55   | cps   |
| Rhodium    | 103-2 | 1397474 | 1424581 | 1419536 | 1413864 | 1.02   | cps   |
| Scandium   | 45-1  | 2711626 | 2659933 | 2608371 | 2659976 | 1.94   | cps   |
| Scandium   | 45-2  | 113520  | 116893  | 116013  | 115475  | 1.51   | cps   |
| Selenium   | 77-2  | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Selenium   | 78-2  | 30      | 39      | 35      | 35      | 13.48  | cps   |
| Selenium   | 82-1  | -61     | -96     | -41     | -66     | -42.19 | cps   |
| Silicon    | 28-1  | 281149  | 282999  | 281617  | 281921  | 0.34   | cps   |
| Silver     | 109-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Silver     | 107-1 | 25      | 8       | 42      | 25      | 66.68  | cps   |
| Sodium     | 23-2  | 10671   | 10512   | 11021   | 10735   | 2.42   | cps   |
| Strontium  | 86-1  | 667     | 492     | 683     | 614     | 17.30  | cps   |
| Strontium  | 88-1  | 83      | 83      | 92      | 86      | 5.58   | cps   |
| Sulfur     | 34-1  | 166099  | 164910  | 163505  | 164838  | 0.79   | cps   |
| Terbium    | 159-1 | 3214186 | 3215945 | 3104903 | 3178345 | 2.00   | cps   |
| Terbium    | 159-2 | 1817485 | 1851949 | 1843463 | 1837632 | 0.98   | cps   |
| Thallium   | 203-1 | 8       | 17      | 33      | 19      | 65.47  | cps   |
| Thallium   | 205-1 | 50      | 58      | 25      | 44      | 39.04  | cps   |
| Tin        | 118-1 | 408     | 300     | 342     | 350     | 15.61  | cps   |
| Titanium   | 47-1  | 33      | 100     | 67      | 67      | 50.00  | cps   |
| Uranium    | 238-1 | 17      | 42      | 25      | 28      | 45.82  | cps   |
| Vanadium   | 51-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Yttrium    | 89-1  | 3455366 | 3453270 | 3345785 | 3418140 | 1.83   | cps   |
| Yttrium    | 89-2  | 507982  | 514754  | 514882  | 512539  | 0.77   | cps   |
| Zinc       | 66-2  | 47      | 33      | 33      | 38      | 20.39  | cps   |
| Zirconium  | 90-1  | 475     | 525     | 525     | 508     | 5.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:25:59 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 50   | 242  | 144     | 66.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1533    | 1567    | 1492    | 1531    | 2.46   | cps   |
| Antimony   | 121-1 | 12014   | 12022   | 11747   | 11928   | 1.31   | cps   |
| Arsenic    | 75-2  | 220     | 252     | 239     | 237     | 6.68   | cps   |
| Barium     | 135-1 | 14466   | 13440   | 13824   | 13910   | 3.73   | cps   |
| Barium     | 137-1 | 24906   | 24013   | 23721   | 24214   | 2.55   | cps   |
| Beryllium  | 9-1   | 1267    | 1228    | 1283    | 1259    | 2.26   | cps   |
| Bismuth    | 209-2 | 1252804 | 1267167 | 1274004 | 1264658 | 0.86   | cps   |
| Bismuth    | 209-1 | 1916896 | 1902060 | 1885942 | 1901633 | 0.81   | cps   |
| Boron      | 10-1  | 4634    | 4676    | 5034    | 4781    | 4.60   | cps   |
| Boron      | 11-1  | 22951   | 24095   | 23118   | 23388   | 2.64   | cps   |
| Cadmium    | 111-1 | 1946    | 1820    | 1803    | 1856    | 4.22   | cps   |
| Cadmium    | 106-1 | 1058    | 775     | 850     | 895     | 16.41  | cps   |
| Cadmium    | 108-1 | 129     | 104     | 54      | 96      | 39.85  | cps   |
| Calcium    | 43-1  | 12481   | 11872   | 12072   | 12142   | 2.56   | cps   |
| Calcium    | 44-1  | 202077  | 200973  | 200879  | 201310  | 0.33   | cps   |
| Chromium   | 52-2  | 5304    | 5274    | 5328    | 5302    | 0.50   | cps   |
| Cobalt     | 59-2  | 3681    | 3687    | 3517    | 3628    | 2.65   | cps   |
| Copper     | 63-2  | 4921    | 5184    | 4918    | 5008    | 3.06   | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Erbium     | 164-1 | 8       | 42      | 25      | 25      | 66.68  | cps   |
| Erbium     | 164-2 | 13      | 17      | 13      | 14      | 13.35  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Holmium    | 165-1 | 3019305 | 3006449 | 3005483 | 3010412 | 0.26   | cps   |
| Holmium    | 165-2 | 1833637 | 1843412 | 1857181 | 1844743 | 0.64   | cps   |
| Indium     | 115-2 | 558404  | 563376  | 567134  | 562971  | 0.78   | cps   |
| Indium     | 115-1 | 2860565 | 2853861 | 2834303 | 2849576 | 0.48   | cps   |
| Iron       | 56-2  | 406454  | 405948  | 408169  | 406857  | 0.29   | cps   |
| Iron       | 57-2  | 9954    | 10259   | 10549   | 10254   | 2.90   | cps   |
| Lead       | 206-1 | 3851    | 3934    | 3923    | 3903    | 1.16   | cps   |
| Lead       | 207-1 | 3445    | 3617    | 3451    | 3504    | 2.79   | cps   |
| Lead       | 208-1 | 16138   | 16093   | 16110   | 16114   | 0.14   | cps   |
| Lithium    | 6-1   | 500265  | 500980  | 494103  | 498449  | 0.76   | cps   |
| Magnesium  | 24-2  | 94094   | 96073   | 94907   | 95025   | 1.05   | cps   |
| Manganese  | 55-2  | 1110    | 1333    | 1313    | 1252    | 9.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 96-1  | 17795   | 17870   | 18096   | 17920   | 0.87   | cps   |
| Molybdenum | 97-1  | 10312   | 10271   | 9845    | 10143   | 2.55   | cps   |
| Molybdenum | 98-1  | 26751   | 26192   | 26526   | 26489   | 1.06   | cps   |
| Molybdenum | 94-1  | 13407   | 13273   | 13073   | 13251   | 1.27   | cps   |
| Molybdenum | 95-1  | 17036   | 16043   | 16694   | 16591   | 3.04   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1030    | 1020    | 1110    | 1053    | 4.68   | cps   |
| Phosphorus | 31-2  | 117     | 83      | 158     | 119     | 31.46  | cps   |
| Potassium  | 39-2  | 88254   | 90785   | 90308   | 89782   | 1.50   | cps   |
| Rhodium    | 103-1 | 2809369 | 2818319 | 2783136 | 2803608 | 0.65   | cps   |
| Rhodium    | 103-2 | 1438916 | 1437713 | 1454349 | 1443659 | 0.64   | cps   |
| Scandium   | 45-1  | 2695273 | 2687814 | 2678214 | 2687100 | 0.32   | cps   |
| Scandium   | 45-2  | 117609  | 119278  | 119275  | 118721  | 0.81   | cps   |
| Selenium   | 82-1  | 412     | 532     | 564     | 503     | 15.99  | cps   |
| Selenium   | 77-2  | 30      | 17      | 10      | 19      | 53.91  | cps   |
| Selenium   | 78-2  | 120     | 111     | 102     | 111     | 8.33   | cps   |
| Silicon    | 28-1  | 306951  | 301696  | 304963  | 304537  | 0.87   | cps   |
| Silver     | 109-1 | 6594    | 6160    | 6518    | 6424    | 3.61   | cps   |
| Silver     | 107-1 | 6785    | 6485    | 6577    | 6616    | 2.32   | cps   |
| Sodium     | 23-2  | 193912  | 194934  | 196140  | 194995  | 0.57   | cps   |
| Strontium  | 86-1  | 2909    | 2842    | 2967    | 2906    | 2.15   | cps   |
| Strontium  | 88-1  | 19856   | 19422   | 19113   | 19464   | 1.92   | cps   |
| Sulfur     | 34-1  | 163645  | 165005  | 167607  | 165419  | 1.22   | cps   |
| Terbium    | 159-2 | 1853961 | 1885412 | 1893042 | 1877472 | 1.10   | cps   |
| Terbium    | 159-1 | 3191674 | 3202569 | 3246406 | 3213550 | 0.90   | cps   |
| Thallium   | 203-1 | 4509    | 4201    | 4468    | 4393    | 3.81   | cps   |
| Thallium   | 205-1 | 10563   | 10096   | 10263   | 10307   | 2.30   | cps   |
| Tin        | 118-1 | 24689   | 24155   | 23587   | 24144   | 2.28   | cps   |
| Titanium   | 47-1  | 5876    | 5768    | 5326    | 5657    | 5.15   | cps   |
| Uranium    | 238-1 | 17254   | 17496   | 16912   | 17220   | 1.70   | cps   |
| Vanadium   | 51-2  | 9923    | 9770    | 10140   | 9945    | 1.87   | cps   |
| Yttrium    | 89-1  | 3456221 | 3457982 | 3467262 | 3460488 | 0.17   | cps   |
| Yttrium    | 89-2  | 522200  | 525834  | 527086  | 525040  | 0.48   | cps   |
| Zinc       | 66-2  | 683     | 677     | 670     | 677     | 0.98   | cps   |
| Zirconium  | 90-1  | 10905   | 10779   | 10388   | 10691   | 2.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97064BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:29:33 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2584 | 2242 | 2150 | 2325    | 9.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 67       | 50       | 83       | 52.92  | cps   |
| Antimony   | 121-1 | 1475     | 1492     | 1400     | 1456     | 3.36   | cps   |
| Arsenic    | 75-2  | 31       | 30       | 31       | 31       | 3.46   | cps   |
| Barium     | 135-1 | 248474   | 246846   | 243318   | 246213   | 1.07   | cps   |
| Barium     | 137-1 | 428394   | 419961   | 418412   | 422256   | 1.27   | cps   |
| Beryllium  | 9-1   | 44       | 33       | 22       | 33       | 33.35  | cps   |
| Bismuth    | 209-1 | 2071434  | 2036979  | 2010729  | 2039714  | 1.49   | cps   |
| Bismuth    | 209-2 | 1302960  | 1321735  | 1315226  | 1313307  | 0.73   | cps   |
| Boron      | 10-1  | 1425     | 1492     | 1558     | 1492     | 4.47   | cps   |
| Boron      | 11-1  | 7277     | 7319     | 7561     | 7385     | 2.07   | cps   |
| Cadmium    | 111-1 | 603      | 715      | 632      | 650      | 8.95   | cps   |
| Cadmium    | 106-1 | 850      | 1008     | 892      | 917      | 8.95   | cps   |
| Cadmium    | 108-1 | 0        | 4        | 13       | 6        | 114.53 | cps   |
| Calcium    | 43-1  | 842040   | 831213   | 834150   | 835801   | 0.67   | cps   |
| Calcium    | 44-1  | 13305648 | 13273158 | 13212978 | 13263928 | 0.35   | cps   |
| Chromium   | 52-2  | 317      | 260      | 253      | 277      | 12.58  | cps   |
| Cobalt     | 59-2  | 260      | 267      | 253      | 260      | 2.56   | cps   |
| Copper     | 63-2  | 9750     | 9336     | 9116     | 9401     | 3.42   | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Dysprosium | 156-1 | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Erbium     | 164-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Erbium     | 164-2 | 13       | 3        | 13       | 10       | 57.75  | cps   |
| Gadolinium | 160-2 | 17       | 0        | 10       | 9        | 94.38  | cps   |
| Gadolinium | 160-1 | 33       | 8        | 0        | 14       | 124.91 | cps   |
| Holmium    | 165-2 | 1951893  | 1971155  | 1960335  | 1961128  | 0.49   | cps   |
| Holmium    | 165-1 | 3399073  | 3390199  | 3333862  | 3374378  | 1.05   | cps   |
| Indium     | 115-1 | 3000410  | 3016361  | 3157261  | 3058011  | 2.82   | cps   |
| Indium     | 115-2 | 590500   | 594444   | 590499   | 591814   | 0.38   | cps   |
| Iron       | 56-2  | 11583    | 11205    | 11449    | 11412    | 1.68   | cps   |
| Iron       | 57-2  | 344      | 372      | 400      | 372      | 7.46   | cps   |
| Lead       | 206-1 | 1045     | 956      | 800      | 933      | 13.26  | cps   |
| Lead       | 207-1 | 883      | 722      | 689      | 765      | 13.60  | cps   |
| Lead       | 208-1 | 3950     | 3434     | 3150     | 3511     | 11.55  | cps   |
| Lithium    | 6-1   | 554479   | 554465   | 549016   | 552653   | 0.57   | cps   |
| Magnesium  | 24-2  | 3646495  | 3676688  | 3650219  | 3657801  | 0.45   | cps   |
| Manganese  | 55-2  | 413      | 397      | 380      | 397      | 4.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1392     | 883      | 1267     | 1181     | 22.44  | cps   |
| Molybdenum | 95-1  | 1692     | 1475     | 1633     | 1600     | 7.01   | cps   |
| Molybdenum | 96-1  | 1692     | 2025     | 1842     | 1853     | 9.01   | cps   |
| Molybdenum | 97-1  | 883      | 967      | 975      | 942      | 5.38   | cps   |
| Molybdenum | 98-1  | 2509     | 2700     | 2484     | 2564     | 4.62   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 310      | 340      | 390      | 347      | 11.66  | cps   |
| Phosphorus | 31-2  | 42       | 67       | 42       | 50       | 28.87  | cps   |
| Potassium  | 39-2  | 98652    | 97000    | 94777    | 96809    | 2.01   | cps   |
| Rhodium    | 103-1 | 3135566  | 3103366  | 3048883  | 3095939  | 1.42   | cps   |
| Rhodium    | 103-2 | 1523773  | 1536632  | 1534446  | 1531617  | 0.45   | cps   |
| Scandium   | 45-2  | 126215   | 128800   | 126067   | 127027   | 1.21   | cps   |
| Scandium   | 45-1  | 3057901  | 3041075  | 2999368  | 3032781  | 0.99   | cps   |
| Selenium   | 82-1  | 35       | -1       | 19       | 17       | 101.52 | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 35       | 22       | 19       | 25       | 34.59  | cps   |
| Silicon    | 28-1  | 15016295 | 14932233 | 14832672 | 14927067 | 0.62   | cps   |
| Silver     | 109-1 | 1517     | 1642     | 1617     | 1592     | 4.16   | cps   |
| Silver     | 107-1 | 1483     | 1750     | 1617     | 1617     | 8.25   | cps   |
| Sodium     | 23-2  | 762961   | 763254   | 759201   | 761806   | 0.30   | cps   |
| Strontium  | 86-1  | 83107    | 83132    | 82704    | 82981    | 0.29   | cps   |
| Strontium  | 88-1  | 700285   | 700295   | 690732   | 697104   | 0.79   | cps   |
| Sulfur     | 34-1  | 242214   | 238157   | 243693   | 241355   | 1.19   | cps   |
| Terbium    | 159-1 | 3626484  | 3616836  | 3578975  | 3607432  | 0.70   | cps   |
| Terbium    | 159-2 | 1981649  | 2020754  | 2012633  | 2005012  | 1.03   | cps   |
| Thallium   | 203-1 | 75       | 50       | 58       | 61       | 20.83  | cps   |
| Thallium   | 205-1 | 183      | 133      | 125      | 147      | 21.43  | cps   |
| Tin        | 118-1 | 1058     | 1033     | 975      | 1022     | 4.18   | cps   |
| Titanium   | 47-1  | 308      | 175      | 308      | 264      | 29.17  | cps   |
| Uranium    | 238-1 | 6827     | 5927     | 6102     | 6285     | 7.60   | cps   |
| Vanadium   | 51-2  | 70       | 70       | 63       | 68       | 5.68   | cps   |
| Yttrium    | 89-1  | 3940322  | 3944399  | 3909776  | 3931499  | 0.48   | cps   |
| Yttrium    | 89-2  | 556827   | 558018   | 557405   | 557417   | 0.11   | cps   |
| Zinc       | 66-2  | 5534     | 5735     | 5594     | 5621     | 1.83   | cps   |
| Zirconium  | 90-1  | 842      | 758      | 1042     | 881      | 16.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1918-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TK9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:33:09 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 150  | 242  | 197     | 23.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 92       | 200      | 142      | 38.57  | cps   |
| Antimony   | 121-1 | 1067     | 1033     | 1033     | 1045     | 1.84   | cps   |
| Arsenic    | 75-2  | 22       | 31       | 24       | 26       | 18.90  | cps   |
| Barium     | 135-1 | 257467   | 251927   | 253549   | 254314   | 1.12   | cps   |
| Barium     | 137-1 | 442760   | 433408   | 434588   | 436919   | 1.17   | cps   |
| Beryllium  | 9-1   | 67       | 28       | 56       | 50       | 40.06  | cps   |
| Bismuth    | 209-1 | 2071048  | 2054889  | 2020938  | 2048958  | 1.25   | cps   |
| Bismuth    | 209-2 | 1311842  | 1323769  | 1316210  | 1317274  | 0.46   | cps   |
| Boron      | 10-1  | 783      | 942      | 875      | 867      | 9.17   | cps   |
| Boron      | 11-1  | 4676     | 4501     | 4518     | 4565     | 2.12   | cps   |
| Cadmium    | 106-1 | 900      | 1042     | 908      | 950      | 8.37   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 8        | 7        | 34.59  | cps   |
| Cadmium    | 111-1 | 633      | 735      | 634      | 667      | 8.76   | cps   |
| Calcium    | 43-1  | 822364   | 807257   | 799609   | 809743   | 1.43   | cps   |
| Calcium    | 44-1  | 12970610 | 12845501 | 12750060 | 12855390 | 0.86   | cps   |
| Chromium   | 52-2  | 330      | 290      | 317      | 312      | 6.52   | cps   |
| Cobalt     | 59-2  | 310      | 303      | 290      | 301      | 3.38   | cps   |
| Copper     | 63-2  | 8329     | 8343     | 8336     | 8336     | 0.08   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Dysprosium | 156-1 | 17       | 58       | 33       | 36       | 58.08  | cps   |
| Erbium     | 164-2 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Erbium     | 164-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Gadolinium | 160-1 | 8        | 33       | 17       | 19       | 65.47  | cps   |
| Gadolinium | 160-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Holmium    | 165-2 | 1970648  | 1971895  | 1977149  | 1973231  | 0.17   | cps   |
| Holmium    | 165-1 | 3421649  | 3422542  | 3390470  | 3411554  | 0.54   | cps   |
| Indium     | 115-1 | 3021625  | 3029375  | 3020359  | 3023786  | 0.16   | cps   |
| Indium     | 115-2 | 584713   | 591880   | 589335   | 588643   | 0.62   | cps   |
| Iron       | 56-2  | 17934    | 17717    | 17733    | 17794    | 0.68   | cps   |
| Iron       | 57-2  | 472      | 533      | 472      | 493      | 7.16   | cps   |
| Lead       | 206-1 | 1483     | 1611     | 1595     | 1563     | 4.44   | cps   |
| Lead       | 207-1 | 1206     | 1289     | 1156     | 1217     | 5.54   | cps   |
| Lead       | 208-1 | 5812     | 6134     | 5490     | 5812     | 5.55   | cps   |
| Lithium    | 6-1   | 559555   | 556936   | 553799   | 556763   | 0.52   | cps   |
| Magnesium  | 24-2  | 3597263  | 3588381  | 3585236  | 3590293  | 0.17   | cps   |
| Manganese  | 55-2  | 523      | 577      | 467      | 522      | 10.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 900      | 1092     | 1075     | 1022     | 10.39   | cps   |
| Molybdenum | 95-1  | 1425     | 1592     | 1550     | 1522     | 5.70    | cps   |
| Molybdenum | 96-1  | 1458     | 1575     | 1692     | 1575     | 7.41    | cps   |
| Molybdenum | 97-1  | 1058     | 883      | 850      | 931      | 12.03   | cps   |
| Molybdenum | 98-1  | 2267     | 2342     | 2134     | 2247     | 4.70    | cps   |
| Neodymium  | 150-1 | 20       | 13       | 7        | 13       | 49.99   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00    | cps   |
| Nickel     | 60-2  | 297      | 307      | 327      | 310      | 4.93    | cps   |
| Phosphorus | 31-2  | 58       | 25       | 33       | 39       | 44.62   | cps   |
| Potassium  | 39-2  | 94298    | 91264    | 91265    | 92276    | 1.90    | cps   |
| Rhodium    | 103-2 | 1534741  | 1540774  | 1538922  | 1538146  | 0.20    | cps   |
| Rhodium    | 103-1 | 3142762  | 3132596  | 3083712  | 3119690  | 1.01    | cps   |
| Scandium   | 45-1  | 3071113  | 3014214  | 3011311  | 3032213  | 1.11    | cps   |
| Scandium   | 45-2  | 127133   | 127089   | 127742   | 127321   | 0.29    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 31       | 24       | 39       | 31       | 23.54   | cps   |
| Selenium   | 82-1  | 36       | -24      | -8       | 1        | 3014.41 | cps   |
| Silicon    | 28-1  | 14543499 | 14581244 | 14516431 | 14547058 | 0.22    | cps   |
| Silver     | 107-1 | 1100     | 958      | 1033     | 1031     | 6.88    | cps   |
| Silver     | 109-1 | 867      | 983      | 908      | 920      | 6.43    | cps   |
| Sodium     | 23-2  | 706865   | 712095   | 705792   | 708250   | 0.48    | cps   |
| Strontium  | 86-1  | 81020    | 80903    | 80735    | 80886    | 0.18    | cps   |
| Strontium  | 88-1  | 695914   | 684838   | 675425   | 685392   | 1.50    | cps   |
| Sulfur     | 34-1  | 237573   | 240789   | 237615   | 238659   | 0.77    | cps   |
| Terbium    | 159-1 | 3675390  | 3639556  | 3627556  | 3647500  | 0.68    | cps   |
| Terbium    | 159-2 | 1998858  | 2011496  | 2003978  | 2004778  | 0.32    | cps   |
| Thallium   | 203-1 | 25       | 33       | 25       | 28       | 17.31   | cps   |
| Thallium   | 205-1 | 92       | 108      | 67       | 89       | 23.59   | cps   |
| Tin        | 118-1 | 850      | 875      | 775      | 833      | 6.25    | cps   |
| Titanium   | 47-1  | 275      | 200      | 217      | 231      | 17.08   | cps   |
| Uranium    | 238-1 | 6544     | 6243     | 6619     | 6469     | 3.07    | cps   |
| Vanadium   | 51-2  | 70       | 43       | 57       | 57       | 23.53   | cps   |
| Yttrium    | 89-2  | 552285   | 559401   | 557971   | 556552   | 0.68    | cps   |
| Yttrium    | 89-1  | 3948815  | 3958491  | 3934738  | 3947348  | 0.30    | cps   |
| Zinc       | 66-2  | 2364     | 2317     | 2360     | 2347     | 1.11    | cps   |
| Zirconium  | 90-1  | 625      | 567      | 600      | 597      | 4.90    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1919-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MG9TL8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:36:42 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 83   | 117  | 128     | 39.85  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 67      | 56      | 17.32  | cps   |
| Antimony   | 121-1 | 167     | 100     | 225     | 164     | 38.17  | cps   |
| Arsenic    | 75-2  | 9       | 6       | 9       | 8       | 26.61  | cps   |
| Barium     | 135-1 | 167     | 175     | 75      | 139     | 39.95  | cps   |
| Barium     | 137-1 | 233     | 283     | 267     | 261     | 9.75   | cps   |
| Beryllium  | 9-1   | 11      | 6       | 28      | 15      | 78.05  | cps   |
| Bismuth    | 209-1 | 1977436 | 1967888 | 1941792 | 1962372 | 0.94   | cps   |
| Bismuth    | 209-2 | 1260992 | 1271411 | 1275168 | 1269190 | 0.58   | cps   |
| Boron      | 10-1  | 325     | 267     | 400     | 331     | 20.22  | cps   |
| Boron      | 11-1  | 1600    | 1625    | 1425    | 1550    | 7.03   | cps   |
| Cadmium    | 106-1 | 825     | 942     | 775     | 847     | 10.10  | cps   |
| Cadmium    | 108-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Cadmium    | 111-1 | 569     | 663     | 547     | 593     | 10.45  | cps   |
| Calcium    | 43-1  | 625     | 567     | 525     | 572     | 8.78   | cps   |
| Calcium    | 44-1  | 11697   | 10729   | 10396   | 10941   | 6.18   | cps   |
| Chromium   | 52-2  | 350     | 447     | 377     | 391     | 12.77  | cps   |
| Cobalt     | 59-2  | 30      | 60      | 60      | 50      | 34.64  | cps   |
| Copper     | 63-2  | 1750    | 1467    | 1770    | 1662    | 10.21  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Dysprosium | 156-1 | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Erbium     | 164-2 | 7       | 3       | 13      | 8       | 65.47  | cps   |
| Erbium     | 164-1 | 17      | 0       | 33      | 17      | 99.99  | cps   |
| Gadolinium | 160-1 | 25      | 0       | 17      | 14      | 91.65  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Holmium    | 165-2 | 1843371 | 1840040 | 1859176 | 1847529 | 0.55   | cps   |
| Holmium    | 165-1 | 3131436 | 3131208 | 3131884 | 3131509 | 0.01   | cps   |
| Indium     | 115-1 | 3029682 | 2981411 | 2971827 | 2994307 | 1.04   | cps   |
| Indium     | 115-2 | 558765  | 558811  | 560647  | 559408  | 0.19   | cps   |
| Iron       | 56-2  | 2845    | 2884    | 2739    | 2823    | 2.65   | cps   |
| Iron       | 57-2  | 61      | 67      | 50      | 59      | 14.32  | cps   |
| Lead       | 206-1 | 278     | 317     | 261     | 285     | 10.00  | cps   |
| Lead       | 207-1 | 278     | 244     | 217     | 246     | 12.42  | cps   |
| Lead       | 208-1 | 1095    | 1061    | 1045    | 1067    | 2.39   | cps   |
| Lithium    | 6-1   | 519206  | 506245  | 509121  | 511524  | 1.33   | cps   |
| Magnesium  | 24-2  | 808     | 817     | 792     | 806     | 1.58   | cps   |
| Manganese  | 55-2  | 70      | 97      | 73      | 80      | 18.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 183     | 233     | 208     | 208     | 12.00   | cps   |
| Molybdenum | 95-1  | 192     | 142     | 167     | 167     | 15.00   | cps   |
| Molybdenum | 96-1  | 217     | 333     | 358     | 303     | 24.97   | cps   |
| Molybdenum | 97-1  | 150     | 167     | 250     | 189     | 28.36   | cps   |
| Molybdenum | 98-1  | 200     | 375     | 383     | 319     | 32.41   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 37      | 47      | 50      | 44      | 15.61   | cps   |
| Phosphorus | 31-2  | 42      | 92      | 33      | 56      | 56.79   | cps   |
| Potassium  | 39-2  | 9620    | 9854    | 9662    | 9712    | 1.28    | cps   |
| Rhodium    | 103-2 | 1449628 | 1454601 | 1460999 | 1455076 | 0.39    | cps   |
| Rhodium    | 103-1 | 2963611 | 2915819 | 2901068 | 2926833 | 1.12    | cps   |
| Scandium   | 45-1  | 2826456 | 2782691 | 2751170 | 2786772 | 1.36    | cps   |
| Scandium   | 45-2  | 117978  | 118842  | 117793  | 118205  | 0.47    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 30      | 26      | 43      | 33      | 26.74   | cps   |
| Selenium   | 82-1  | 43      | -14     | -117    | -29     | -278.31 | cps   |
| Silicon    | 28-1  | 288608  | 286436  | 286938  | 287328  | 0.40    | cps   |
| Silver     | 107-1 | 108     | 142     | 133     | 128     | 13.57   | cps   |
| Silver     | 109-1 | 108     | 125     | 50      | 94      | 41.70   | cps   |
| Sodium     | 23-2  | 38609   | 38267   | 38927   | 38601   | 0.86    | cps   |
| Strontium  | 86-1  | 792     | 817     | 850     | 820     | 3.57    | cps   |
| Strontium  | 88-1  | 658     | 675     | 733     | 689     | 5.72    | cps   |
| Sulfur     | 34-1  | 166891  | 165762  | 167884  | 166846  | 0.64    | cps   |
| Terbium    | 159-1 | 3343083 | 3378168 | 3323845 | 3348365 | 0.82    | cps   |
| Terbium    | 159-2 | 1876039 | 1884867 | 1885737 | 1882214 | 0.29    | cps   |
| Thallium   | 203-1 | 17      | 33      | 0       | 17      | 99.99   | cps   |
| Thallium   | 205-1 | 42      | 25      | 33      | 33      | 25.01   | cps   |
| Tin        | 118-1 | 467     | 767     | 400     | 545     | 35.89   | cps   |
| Titanium   | 47-1  | 100     | 158     | 150     | 136     | 23.18   | cps   |
| Uranium    | 238-1 | 58      | 25      | 33      | 39      | 44.62   | cps   |
| Vanadium   | 51-2  | 30      | 47      | 33      | 37      | 24.06   | cps   |
| Yttrium    | 89-2  | 521345  | 518590  | 523981  | 521306  | 0.52    | cps   |
| Yttrium    | 89-1  | 3638594 | 3566836 | 3560240 | 3588557 | 1.21    | cps   |
| Zinc       | 66-2  | 560     | 593     | 613     | 589     | 4.58    | cps   |
| Zirconium  | 90-1  | 358     | 358     | 325     | 347     | 5.54    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1790-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | 38-FB021017         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:40:15 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 58   | 92   | 69      | 27.71  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 250     | 167     | 225     | 214     | 19.99  | cps   |
| Arsenic    | 75-2  | 7       | 15      | 9       | 10      | 36.70  | cps   |
| Barium     | 135-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Barium     | 137-1 | 8       | 58      | 17      | 28      | 96.44  | cps   |
| Beryllium  | 9-1   | 28      | 33      | 17      | 26      | 32.72  | cps   |
| Bismuth    | 209-1 | 1798533 | 1880771 | 1865794 | 1848366 | 2.37   | cps   |
| Bismuth    | 209-2 | 1223012 | 1235383 | 1234818 | 1231071 | 0.57   | cps   |
| Boron      | 10-1  | 158     | 167     | 142     | 156     | 8.18   | cps   |
| Boron      | 11-1  | 942     | 942     | 917     | 933     | 1.55   | cps   |
| Cadmium    | 106-1 | 917     | 842     | 867     | 875     | 4.37   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 0       | 1       | 173.21 | cps   |
| Cadmium    | 111-1 | 646     | 586     | 611     | 614     | 4.88   | cps   |
| Calcium    | 43-1  | 108     | 83      | 117     | 103     | 16.88  | cps   |
| Calcium    | 44-1  | 4076    | 4326    | 3859    | 4087    | 5.72   | cps   |
| Chromium   | 52-2  | 297     | 283     | 337     | 306     | 9.08   | cps   |
| Cobalt     | 59-2  | 57      | 37      | 50      | 48      | 21.31  | cps   |
| Copper     | 63-2  | 373     | 377     | 333     | 361     | 6.68   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 0       | 25      | 8       | 11      | 114.58 | cps   |
| Gadolinium | 160-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Gadolinium | 160-2 | 7       | 20      | 3       | 10      | 88.20  | cps   |
| Holmium    | 165-2 | 1774642 | 1789463 | 1811235 | 1791780 | 1.03   | cps   |
| Holmium    | 165-1 | 2896269 | 2969261 | 2987865 | 2951132 | 1.64   | cps   |
| Indium     | 115-1 | 2747832 | 2854266 | 2846325 | 2816141 | 2.11   | cps   |
| Indium     | 115-2 | 540864  | 541373  | 548506  | 543581  | 0.79   | cps   |
| Iron       | 56-2  | 1578    | 1645    | 1667    | 1630    | 2.84   | cps   |
| Iron       | 57-2  | 44      | 61      | 56      | 54      | 15.80  | cps   |
| Lead       | 206-1 | 211     | 233     | 233     | 226     | 5.68   | cps   |
| Lead       | 207-1 | 228     | 206     | 300     | 244     | 20.20  | cps   |
| Lead       | 208-1 | 850     | 1006    | 989     | 948     | 9.01   | cps   |
| Lithium    | 6-1   | 473265  | 488851  | 492151  | 484756  | 2.08   | cps   |
| Magnesium  | 24-2  | 133     | 217     | 217     | 189     | 25.47  | cps   |
| Manganese  | 55-2  | 30      | 30      | 27      | 29      | 6.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 200     | 217     | 225     | 214     | 5.95   | cps   |
| Molybdenum | 95-1  | 167     | 175     | 125     | 156     | 17.22  | cps   |
| Molybdenum | 96-1  | 175     | 167     | 225     | 189     | 16.70  | cps   |
| Molybdenum | 97-1  | 100     | 75      | 83      | 86      | 14.79  | cps   |
| Molybdenum | 98-1  | 158     | 200     | 283     | 214     | 29.76  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 17      | 13      | 20      | 17      | 20.01  | cps   |
| Phosphorus | 31-2  | 25      | 50      | 42      | 39      | 32.73  | cps   |
| Potassium  | 39-2  | 9178    | 9045    | 9387    | 9203    | 1.87   | cps   |
| Rhodium    | 103-1 | 2700793 | 2799668 | 2795154 | 2765205 | 2.02   | cps   |
| Rhodium    | 103-2 | 1398623 | 1406980 | 1421752 | 1409118 | 0.83   | cps   |
| Scandium   | 45-1  | 2559852 | 2660252 | 2666076 | 2628727 | 2.27   | cps   |
| Scandium   | 45-2  | 113011  | 114666  | 115455  | 114377  | 1.09   | cps   |
| Selenium   | 82-1  | -25     | -73     | -12     | -37     | -88.40 | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 37      | 35      | 22      | 31      | 25.65  | cps   |
| Silicon    | 28-1  | 274834  | 275020  | 276003  | 275286  | 0.23   | cps   |
| Silver     | 109-1 | 50      | 67      | 50      | 56      | 17.32  | cps   |
| Silver     | 107-1 | 92      | 83      | 75      | 83      | 10.00  | cps   |
| Sodium     | 23-2  | 11547   | 11572   | 11889   | 11669   | 1.63   | cps   |
| Strontium  | 86-1  | 717     | 800     | 683     | 733     | 8.19   | cps   |
| Strontium  | 88-1  | 83      | 92      | 58      | 78      | 22.30  | cps   |
| Sulfur     | 34-1  | 167986  | 166899  | 169232  | 168039  | 0.69   | cps   |
| Terbium    | 159-1 | 3055499 | 3218628 | 3243080 | 3172403 | 3.21   | cps   |
| Terbium    | 159-2 | 1821815 | 1823598 | 1830389 | 1825267 | 0.25   | cps   |
| Thallium   | 203-1 | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Thallium   | 205-1 | 42      | 8       | 42      | 31      | 62.99  | cps   |
| Tin        | 118-1 | 217     | 292     | 225     | 244     | 16.82  | cps   |
| Titanium   | 47-1  | 92      | 58      | 42      | 64      | 39.85  | cps   |
| Uranium    | 238-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Vanadium   | 51-2  | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Yttrium    | 89-1  | 3258576 | 3422359 | 3439004 | 3373313 | 2.96   | cps   |
| Yttrium    | 89-2  | 502578  | 505432  | 511719  | 506576  | 0.92   | cps   |
| Zinc       | 66-2  | 43      | 80      | 43      | 56      | 38.11  | cps   |
| Zirconium  | 90-1  | 325     | 333     | 267     | 308     | 11.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BL           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BL           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:43:51 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 75   | 58   | 61      | 20.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 376369   | 382993   | 379336   | 379566   | 0.87   | cps   |
| Antimony   | 121-1 | 1577479  | 1559568  | 1554626  | 1563891  | 0.77   | cps   |
| Arsenic    | 75-2  | 60633    | 60466    | 61631    | 60910    | 1.03   | cps   |
| Barium     | 135-1 | 1955396  | 1925282  | 1932802  | 1937827  | 0.81   | cps   |
| Barium     | 137-1 | 3280062  | 3287734  | 3272861  | 3280219  | 0.23   | cps   |
| Beryllium  | 9-1   | 313169   | 310987   | 313975   | 312710   | 0.49   | cps   |
| Bismuth    | 209-1 | 1903201  | 1895326  | 1881625  | 1893384  | 0.58   | cps   |
| Bismuth    | 209-2 | 1218259  | 1233467  | 1239408  | 1230378  | 0.89   | cps   |
| Boron      | 10-1  | 44750    | 46539    | 47041    | 46110    | 2.61   | cps   |
| Boron      | 11-1  | 227503   | 234920   | 237722   | 233382   | 2.26   | cps   |
| Cadmium    | 106-1 | 41838    | 40267    | 40124    | 40743    | 2.33   | cps   |
| Cadmium    | 108-1 | 27990    | 27460    | 27356    | 27602    | 1.23   | cps   |
| Cadmium    | 111-1 | 367870   | 364720   | 365282   | 365957   | 0.46   | cps   |
| Calcium    | 43-1  | 674876   | 673853   | 671625   | 673451   | 0.25   | cps   |
| Calcium    | 44-1  | 10448349 | 10450537 | 10390307 | 10429731 | 0.33   | cps   |
| Chromium   | 52-2  | 640924   | 637300   | 639080   | 639102   | 0.28   | cps   |
| Cobalt     | 59-2  | 938964   | 951488   | 950419   | 946957   | 0.73   | cps   |
| Copper     | 63-2  | 1235866  | 1252711  | 1259750  | 1249442  | 0.98   | cps   |
| Dysprosium | 156-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Dysprosium | 156-1 | 25       | 50       | 42       | 39       | 32.73  | cps   |
| Erbium     | 164-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Erbium     | 164-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Gadolinium | 160-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Holmium    | 165-2 | 1842322  | 1847242  | 1866007  | 1851857  | 0.67   | cps   |
| Holmium    | 165-1 | 3026287  | 3031018  | 3009508  | 3022271  | 0.37   | cps   |
| Indium     | 115-1 | 2875895  | 2857682  | 2845001  | 2859526  | 0.54   | cps   |
| Indium     | 115-2 | 538648   | 543069   | 546150   | 542623   | 0.69   | cps   |
| Iron       | 56-2  | 22056641 | 22097525 | 22140854 | 22098340 | 0.19   | cps   |
| Iron       | 57-2  | 583641   | 585745   | 591640   | 587009   | 0.71   | cps   |
| Lead       | 206-1 | 975118   | 970079   | 966904   | 970700   | 0.43   | cps   |
| Lead       | 207-1 | 888661   | 890848   | 890253   | 889921   | 0.13   | cps   |
| Lead       | 208-1 | 3938697  | 3930656  | 3913378  | 3927577  | 0.33   | cps   |
| Lithium    | 6-1   | 496565   | 494767   | 495159   | 495497   | 0.19   | cps   |
| Magnesium  | 24-2  | 4962864  | 4974701  | 4938642  | 4958736  | 0.37   | cps   |
| Manganese  | 55-2  | 640001   | 647192   | 647495   | 644896   | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1712673 | 1720696 | 1705180 | 1712850 | 0.45   | cps   |
| Molybdenum | 95-1  | 915138  | 914247  | 907965  | 912450  | 0.43   | cps   |
| Molybdenum | 96-1  | 1178499 | 1172666 | 1165523 | 1172229 | 0.55   | cps   |
| Molybdenum | 97-1  | 575474  | 574952  | 568850  | 573092  | 0.64   | cps   |
| Molybdenum | 98-1  | 1446808 | 1445811 | 1432635 | 1441751 | 0.55   | cps   |
| Neodymium  | 150-1 | 93      | 47      | 107     | 82      | 38.32  | cps   |
| Neodymium  | 150-2 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Nickel     | 60-2  | 243840  | 243314  | 244674  | 243943  | 0.28   | cps   |
| Phosphorus | 31-2  | 19688   | 19922   | 19789   | 19800   | 0.59   | cps   |
| Potassium  | 39-2  | 2143578 | 2173220 | 2156541 | 2157780 | 0.69   | cps   |
| Rhodium    | 103-2 | 1392171 | 1391786 | 1394305 | 1392754 | 0.10   | cps   |
| Rhodium    | 103-1 | 2772831 | 2758384 | 2741111 | 2757442 | 0.58   | cps   |
| Scandium   | 45-1  | 2703822 | 2687462 | 2665558 | 2685614 | 0.71   | cps   |
| Scandium   | 45-2  | 117525  | 117669  | 117216  | 117470  | 0.20   | cps   |
| Selenium   | 77-2  | 1017    | 953     | 990     | 987     | 3.22   | cps   |
| Selenium   | 78-2  | 3517    | 3615    | 3588    | 3573    | 1.42   | cps   |
| Selenium   | 82-1  | 27208   | 26921   | 27149   | 27093   | 0.56   | cps   |
| Silicon    | 28-1  | 1693796 | 1700757 | 1703376 | 1699310 | 0.29   | cps   |
| Silver     | 109-1 | 1724024 | 1698206 | 1706623 | 1709618 | 0.77   | cps   |
| Silver     | 107-1 | 1813825 | 1805870 | 1818266 | 1812654 | 0.35   | cps   |
| Sodium     | 23-2  | 9779454 | 9779459 | 9715276 | 9758063 | 0.38   | cps   |
| Strontium  | 86-1  | 672577  | 668316  | 665225  | 668706  | 0.55   | cps   |
| Strontium  | 88-1  | 5588797 | 5604790 | 5590985 | 5594857 | 0.15   | cps   |
| Sulfur     | 34-1  | 362098  | 359322  | 360436  | 360619  | 0.39   | cps   |
| Terbium    | 159-1 | 3209955 | 3229556 | 3226310 | 3221940 | 0.33   | cps   |
| Terbium    | 159-2 | 1869658 | 1885595 | 1880432 | 1878561 | 0.43   | cps   |
| Thallium   | 203-1 | 1183910 | 1188516 | 1166180 | 1179535 | 1.00   | cps   |
| Thallium   | 205-1 | 2754039 | 2741590 | 2723087 | 2739572 | 0.57   | cps   |
| Tin        | 118-1 | 1286492 | 1279112 | 1280725 | 1282109 | 0.30   | cps   |
| Titanium   | 47-1  | 328535  | 321548  | 322256  | 324113  | 1.19   | cps   |
| Uranium    | 238-1 | 4359804 | 4426041 | 4381763 | 4389202 | 0.77   | cps   |
| Vanadium   | 51-2  | 553837  | 554188  | 555894  | 554640  | 0.20   | cps   |
| Yttrium    | 89-2  | 517112  | 517380  | 519884  | 518125  | 0.30   | cps   |
| Yttrium    | 89-1  | 3470149 | 3457651 | 3441874 | 3456558 | 0.41   | cps   |
| Zinc       | 66-2  | 154873  | 156060  | 156834  | 155922  | 0.63   | cps   |
| Zirconium  | 90-1  | 3239370 | 3249708 | 3243762 | 3244280 | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB97027BS           | Instrumnet Name : | P7        |
| Client Sample ID :      | PB97027BS           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 17:47:25 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 753516 | 757272 | 754271 | 755020  | 0.26   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 390597   | 385379   | 393226   | 389734   | 1.02   | cps   |
| Antimony   | 121-1 | 1606561  | 1604959  | 1590851  | 1600790  | 0.54   | cps   |
| Arsenic    | 75-2  | 61905    | 62059    | 62050    | 62005    | 0.14   | cps   |
| Barium     | 135-1 | 1964176  | 1941488  | 1942108  | 1949257  | 0.66   | cps   |
| Barium     | 137-1 | 3312259  | 3310291  | 3282951  | 3301834  | 0.50   | cps   |
| Beryllium  | 9-1   | 315092   | 316090   | 315194   | 315459   | 0.17   | cps   |
| Bismuth    | 209-1 | 1875571  | 1876915  | 1874234  | 1875573  | 0.07   | cps   |
| Bismuth    | 209-2 | 1220794  | 1234535  | 1241705  | 1232345  | 0.86   | cps   |
| Boron      | 10-1  | 46480    | 46890    | 48094    | 47155    | 1.78   | cps   |
| Boron      | 11-1  | 240812   | 242083   | 246443   | 243113   | 1.21   | cps   |
| Cadmium    | 106-1 | 42030    | 42105    | 40985    | 41707    | 1.50   | cps   |
| Cadmium    | 108-1 | 28170    | 27239    | 27769    | 27726    | 1.68   | cps   |
| Cadmium    | 111-1 | 372013   | 371768   | 370010   | 371264   | 0.29   | cps   |
| Calcium    | 43-1  | 686957   | 679799   | 684239   | 683665   | 0.53   | cps   |
| Calcium    | 44-1  | 10559107 | 10546186 | 10597304 | 10567532 | 0.25   | cps   |
| Chromium   | 52-2  | 647239   | 650691   | 652521   | 650150   | 0.41   | cps   |
| Cobalt     | 59-2  | 960218   | 959825   | 968951   | 962998   | 0.54   | cps   |
| Copper     | 63-2  | 1266701  | 1270090  | 1277588  | 1271460  | 0.44   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Dysprosium | 156-1 | 42       | 42       | 25       | 36       | 26.65  | cps   |
| Erbium     | 164-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Erbium     | 164-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Gadolinium | 160-2 | 10       | 20       | 20       | 17       | 34.64  | cps   |
| Gadolinium | 160-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Holmium    | 165-1 | 3011926  | 2973024  | 2992733  | 2992561  | 0.65   | cps   |
| Holmium    | 165-2 | 1848601  | 1868604  | 1864523  | 1860576  | 0.57   | cps   |
| Indium     | 115-2 | 539934   | 544982   | 548534   | 544484   | 0.79   | cps   |
| Indium     | 115-1 | 2839332  | 2828971  | 2831329  | 2833211  | 0.19   | cps   |
| Iron       | 56-2  | 22627150 | 22414112 | 22442804 | 22494688 | 0.51   | cps   |
| Iron       | 57-2  | 594365   | 595969   | 599202   | 596512   | 0.41   | cps   |
| Lead       | 206-1 | 981739   | 981890   | 981022   | 981550   | 0.05   | cps   |
| Lead       | 207-1 | 905100   | 894717   | 902411   | 900743   | 0.60   | cps   |
| Lead       | 208-1 | 3987673  | 3957023  | 3977923  | 3974206  | 0.39   | cps   |
| Lithium    | 6-1   | 499654   | 495201   | 489563   | 494806   | 1.02   | cps   |
| Magnesium  | 24-2  | 5050867  | 5078043  | 5079381  | 5069430  | 0.32   | cps   |
| Manganese  | 55-2  | 648729   | 654247   | 659762   | 654246   | 0.84   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1738023 | 1731681 | 1734137 | 1734614 | 0.18   | cps   |
| Molybdenum | 95-1  | 928803  | 923805  | 923779  | 925462  | 0.31   | cps   |
| Molybdenum | 96-1  | 1186609 | 1183967 | 1187747 | 1186108 | 0.16   | cps   |
| Molybdenum | 97-1  | 582680  | 576788  | 580848  | 580105  | 0.52   | cps   |
| Molybdenum | 98-1  | 1479179 | 1465971 | 1461960 | 1469036 | 0.61   | cps   |
| Neodymium  | 150-1 | 73      | 53      | 60      | 62      | 16.37  | cps   |
| Neodymium  | 150-2 | 17      | 20      | 10      | 16      | 32.73  | cps   |
| Nickel     | 60-2  | 248540  | 248191  | 251042  | 249258  | 0.62   | cps   |
| Phosphorus | 31-2  | 19572   | 20607   | 20565   | 20248   | 2.89   | cps   |
| Potassium  | 39-2  | 2188081 | 2184990 | 2223766 | 2198946 | 0.98   | cps   |
| Rhodium    | 103-1 | 2766053 | 2741045 | 2733016 | 2746704 | 0.63   | cps   |
| Rhodium    | 103-2 | 1390460 | 1405603 | 1406671 | 1400911 | 0.65   | cps   |
| Scandium   | 45-1  | 2691525 | 2667705 | 2651269 | 2670166 | 0.76   | cps   |
| Scandium   | 45-2  | 115660  | 117373  | 117457  | 116830  | 0.87   | cps   |
| Selenium   | 82-1  | 27564   | 27465   | 27000   | 27343   | 1.10   | cps   |
| Selenium   | 77-2  | 1037    | 1030    | 1073    | 1047    | 2.23   | cps   |
| Selenium   | 78-2  | 3619    | 3702    | 3641    | 3654    | 1.18   | cps   |
| Silicon    | 28-1  | 1677156 | 1683485 | 1663903 | 1674848 | 0.60   | cps   |
| Silver     | 109-1 | 1740509 | 1726785 | 1724223 | 1730506 | 0.51   | cps   |
| Silver     | 107-1 | 1841183 | 1817516 | 1825702 | 1828134 | 0.66   | cps   |
| Sodium     | 23-2  | 9968023 | 9855621 | 9986712 | 9936785 | 0.71   | cps   |
| Strontium  | 86-1  | 683189  | 680226  | 677052  | 680155  | 0.45   | cps   |
| Strontium  | 88-1  | 5700549 | 5705451 | 5628674 | 5678225 | 0.76   | cps   |
| Sulfur     | 34-1  | 356013  | 354238  | 352865  | 354372  | 0.45   | cps   |
| Terbium    | 159-1 | 3193510 | 3194786 | 3204060 | 3197452 | 0.18   | cps   |
| Terbium    | 159-2 | 1868575 | 1888154 | 1902453 | 1886394 | 0.90   | cps   |
| Thallium   | 203-1 | 1195051 | 1180801 | 1196731 | 1190861 | 0.73   | cps   |
| Thallium   | 205-1 | 2770035 | 2756420 | 2758005 | 2761486 | 0.27   | cps   |
| Tin        | 118-1 | 1304783 | 1298717 | 1300606 | 1301369 | 0.24   | cps   |
| Titanium   | 47-1  | 328635  | 324181  | 329967  | 327594  | 0.92   | cps   |
| Uranium    | 238-1 | 4402738 | 4439678 | 4405516 | 4415977 | 0.47   | cps   |
| Vanadium   | 51-2  | 559227  | 564667  | 567910  | 563935  | 0.78   | cps   |
| Yttrium    | 89-1  | 3429944 | 3445382 | 3398400 | 3424576 | 0.70   | cps   |
| Yttrium    | 89-2  | 512883  | 518552  | 522204  | 517880  | 0.91   | cps   |
| Zinc       | 66-2  | 158115  | 157886  | 160190  | 158730  | 0.80   | cps   |
| Zirconium  | 90-1  | 3298500 | 3268361 | 3279987 | 3282283 | 0.46   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85982             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-22 17:50:56 | DataFile Name :   | 027CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 767998 | 761962 | 759632 | 763197  | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Antimony   | 121-1 | 3559    | 4784    | 5034    | 4459    | 17.71  | cps   |
| Arsenic    | 75-2  | 22      | 24      | 19      | 22      | 13.08  | cps   |
| Barium     | 135-1 | 58      | 50      | 50      | 53      | 9.12   | cps   |
| Barium     | 137-1 | 125     | 67      | 100     | 97      | 30.10  | cps   |
| Beryllium  | 9-1   | 72      | 61      | 56      | 63      | 13.47  | cps   |
| Bismuth    | 209-1 | 1934641 | 1832075 | 1878838 | 1881852 | 2.73   | cps   |
| Bismuth    | 209-2 | 1257248 | 1261213 | 1263796 | 1260752 | 0.26   | cps   |
| Boron      | 10-1  | 575     | 617     | 600     | 597     | 3.51   | cps   |
| Boron      | 11-1  | 2775    | 2759    | 2800    | 2778    | 0.76   | cps   |
| Cadmium    | 106-1 | 825     | 650     | 875     | 783     | 15.08  | cps   |
| Cadmium    | 108-1 | 8       | 4       | 4       | 6       | 43.22  | cps   |
| Cadmium    | 111-1 | 580     | 465     | 614     | 553     | 14.15  | cps   |
| Calcium    | 43-1  | 142     | 92      | 75      | 103     | 33.76  | cps   |
| Calcium    | 44-1  | 4301    | 4309    | 4101    | 4237    | 2.79   | cps   |
| Chromium   | 52-2  | 317     | 303     | 280     | 300     | 6.19   | cps   |
| Cobalt     | 59-2  | 77      | 77      | 70      | 74      | 5.17   | cps   |
| Copper     | 63-2  | 240     | 203     | 183     | 209     | 13.76  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Erbium     | 164-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Erbium     | 164-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Holmium    | 165-2 | 1831863 | 1844384 | 1839621 | 1838623 | 0.34   | cps   |
| Holmium    | 165-1 | 3060638 | 2937577 | 3036591 | 3011602 | 2.17   | cps   |
| Indium     | 115-1 | 2869367 | 2739216 | 2811422 | 2806668 | 2.32   | cps   |
| Indium     | 115-2 | 549427  | 551454  | 551429  | 550770  | 0.21   | cps   |
| Iron       | 56-2  | 1950    | 2100    | 1950    | 2000    | 4.33   | cps   |
| Iron       | 57-2  | 28      | 22      | 44      | 31      | 36.74  | cps   |
| Lead       | 206-1 | 217     | 206     | 283     | 235     | 17.89  | cps   |
| Lead       | 207-1 | 167     | 217     | 211     | 198     | 13.83  | cps   |
| Lead       | 208-1 | 1022    | 1017    | 989     | 1009    | 1.77   | cps   |
| Lithium    | 6-1   | 499760  | 482094  | 488618  | 490157  | 1.82   | cps   |
| Magnesium  | 24-2  | 200     | 183     | 175     | 186     | 6.84   | cps   |
| Manganese  | 55-2  | 50      | 50      | 37      | 46      | 16.89  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 492     | 742     | 667     | 633     | 20.26  | cps   |
| Molybdenum | 95-1  | 542     | 742     | 733     | 672     | 16.83  | cps   |
| Molybdenum | 96-1  | 642     | 917     | 1125    | 895     | 27.11  | cps   |
| Molybdenum | 97-1  | 333     | 408     | 450     | 397     | 14.88  | cps   |
| Molybdenum | 98-1  | 883     | 1208    | 1200    | 1097    | 16.89  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 20      | 7       | 3       | 10      | 88.20  | cps   |
| Phosphorus | 31-2  | 83      | 42      | 42      | 56      | 43.30  | cps   |
| Potassium  | 39-2  | 9203    | 9228    | 8811    | 9081    | 2.58   | cps   |
| Rhodium    | 103-2 | 1419193 | 1421192 | 1429137 | 1423174 | 0.37   | cps   |
| Rhodium    | 103-1 | 2820484 | 2707440 | 2767819 | 2765248 | 2.05   | cps   |
| Scandium   | 45-1  | 2701507 | 2552455 | 2629652 | 2627871 | 2.84   | cps   |
| Scandium   | 45-2  | 115354  | 116833  | 116396  | 116194  | 0.65   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 35      | 37      | 24      | 32      | 21.85  | cps   |
| Selenium   | 82-1  | 17      | 10      | 25      | 17      | 43.92  | cps   |
| Silicon    | 28-1  | 277593  | 281054  | 280308  | 279652  | 0.65   | cps   |
| Silver     | 109-1 | 50      | 50      | 83      | 61      | 31.50  | cps   |
| Silver     | 107-1 | 75      | 33      | 142     | 83      | 65.58  | cps   |
| Sodium     | 23-2  | 9512    | 9979    | 9570    | 9687    | 2.63   | cps   |
| Strontium  | 86-1  | 708     | 533     | 800     | 681     | 19.91  | cps   |
| Strontium  | 88-1  | 75      | 142     | 67      | 94      | 43.53  | cps   |
| Sulfur     | 34-1  | 159385  | 160380  | 160539  | 160101  | 0.39   | cps   |
| Terbium    | 159-1 | 3264803 | 3158170 | 3269279 | 3230751 | 1.95   | cps   |
| Terbium    | 159-2 | 1868324 | 1882170 | 1874228 | 1874907 | 0.37   | cps   |
| Thallium   | 203-1 | 92      | 67      | 100     | 86      | 20.14  | cps   |
| Thallium   | 205-1 | 83      | 167     | 175     | 142     | 35.78  | cps   |
| Tin        | 118-1 | 533     | 658     | 842     | 678     | 22.88  | cps   |
| Titanium   | 47-1  | 108     | 25      | 42      | 58      | 75.59  | cps   |
| Uranium    | 238-1 | 33      | 58      | 67      | 53      | 32.88  | cps   |
| Vanadium   | 51-2  | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Yttrium    | 89-2  | 513763  | 517994  | 515995  | 515917  | 0.41   | cps   |
| Yttrium    | 89-1  | 3423044 | 3356925 | 3448285 | 3409418 | 1.38   | cps   |
| Zinc       | 66-2  | 63      | 40      | 50      | 51      | 22.90  | cps   |
| Zirconium  | 90-1  | 492     | 542     | 692     | 575     | 18.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85982             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-22 18:00:11 | DataFile Name :   | 028CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 150  | 100  | 108     | 35.25  | cps   |