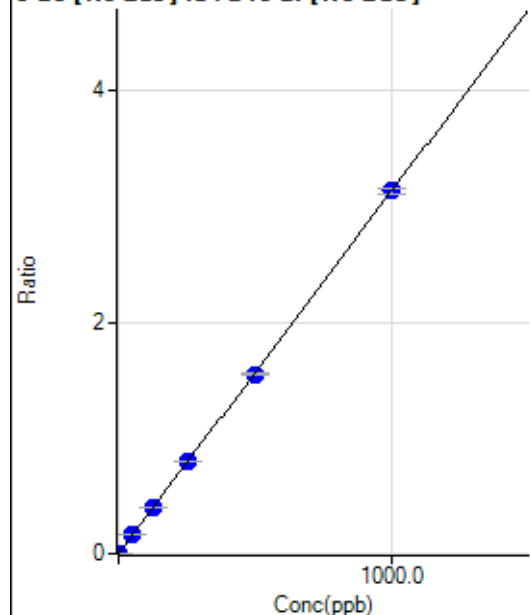


Calibration for 008CALS.d

Batch Folder: D:\ICP-MS Data\P7020217-MS.b\  
 Analysis File: P7020217-MS.batch.bin  
 DA Date-Time: 2017-02-02 16:16:00  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 002CALB.d          | S00         | 2017-02-02 14:16:20 |
| 2     |                    |             |                     |
| 3     | 004CALS.d          | S02         | 2017-02-02 14:24:50 |
| 4     | 005CALS.d          | S03         | 2017-02-02 14:28:42 |
| 5     | 006CALS.d          | S04         | 2017-02-02 14:32:43 |
| 6     | 007CALS.d          | S05         | 2017-02-02 14:36:30 |
| 7     | 008CALS.d          | S06         | 2017-02-02 14:40:12 |
| 8     | 009CALS.d          | S07         | 2017-02-02 14:43:51 |
| 9     | 010CALS.d          | S08         | 2017-02-02 14:47:25 |

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      | 11.11     | 0.0000 | P    | 100. |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.993      | 957.47    | 0.0031 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 50.000   | 52.111     | 49492.17  | 0.1633 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 126.668    | 121573.58 | 0.3969 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 254.415    | 243922.23 | 0.7971 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 495.502    | 471881.62 | 1.5524 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.831   | 931157.58 | 3.1356 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 125.93    | 0.0004 | P    | 22.3 |

$$y = 0.0031 * x + 3.6989E-005$$

$$R = 1.0000$$

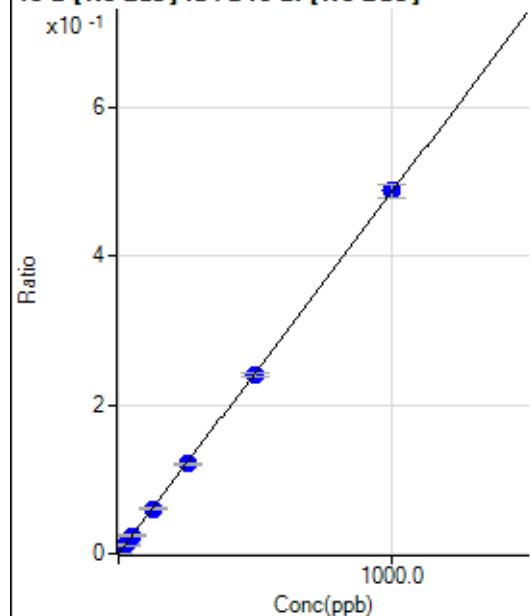
$$DL = 0.03546$$

$$BEC = 0.01181$$

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      | 25.00     | 0.0001 | P    | 57.9 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.274     | 3606.12   | 0.0119 | P    | 6.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.817     | 7349.30   | 0.0242 | P    | 3.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.856    | 18578.75  | 0.0606 | P    | 3.9  |
| 6 | <input type="checkbox"/> | 250.000  | 248.555    | 36921.06  | 0.1206 | P    | 2.3  |
| 7 | <input type="checkbox"/> | 500.000  | 493.232    | 72747.85  | 0.2393 | P    | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.791   | 144596.43 | 0.4870 | P    | 3.5  |
| 9 | <input type="checkbox"/> |          |            | 3369.95   | 0.0119 | P    | 7.3  |

$$y = 4.8505E-004 * x + 8.3545E-005$$

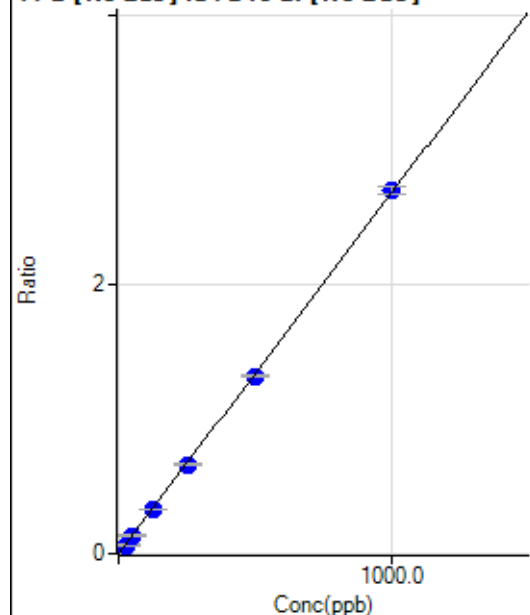
$$R = 1.0000$$

$$DL = 0.2993$$

$$BEC = 0.1722$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 194.45    | 0.0006 | P   | 14.3 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.699     | 19510.50  | 0.0641 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.158     | 40923.07  | 0.1350 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.472    | 101533.73 | 0.3314 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 246.804    | 202542.02 | 0.6618 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 491.614    | 400544.74 | 1.3177 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.207   | 799877.20 | 2.6936 | P   | 2.1  |
| 9 | <input type="checkbox"/> |          |            | 18906.97  | 0.0670 | P   | 8.4  |

$$y = 0.0027 * x + 6.4916E-004$$

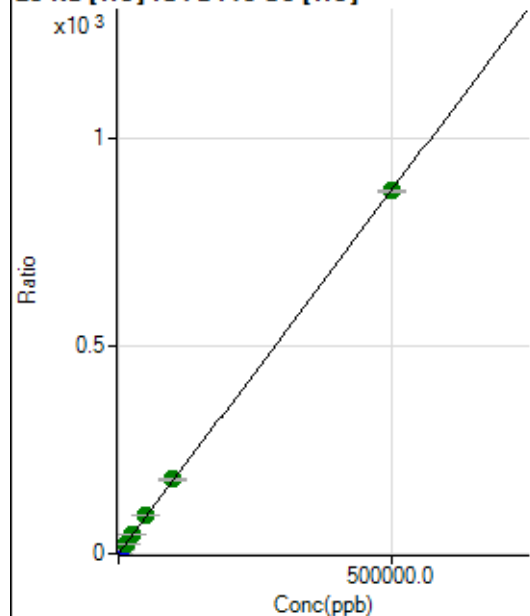
$$R = 0.9999$$

$$DL = 0.1037$$

$$BEC = 0.2423$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [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      | 20887.43    | 0.0739   | P   | 1.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 490.835    | 262121.74   | 0.9340   | P   | 0.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 5274.922   | 2587862.80  | 9.3167   | P   | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13134.393  | 6313025.79  | 23.0883  | A   | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 26199.358  | 12577501.15 | 45.9810  | A   | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 51677.635  | 24704206.97 | 90.6246  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 101992.90  | 49047654.92 | 178.7880 | A   | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 499355.08  | 232763694.0 | 875.0545 | A   | 0.3 |

$$y = 0.0018 * x + 0.0739$$

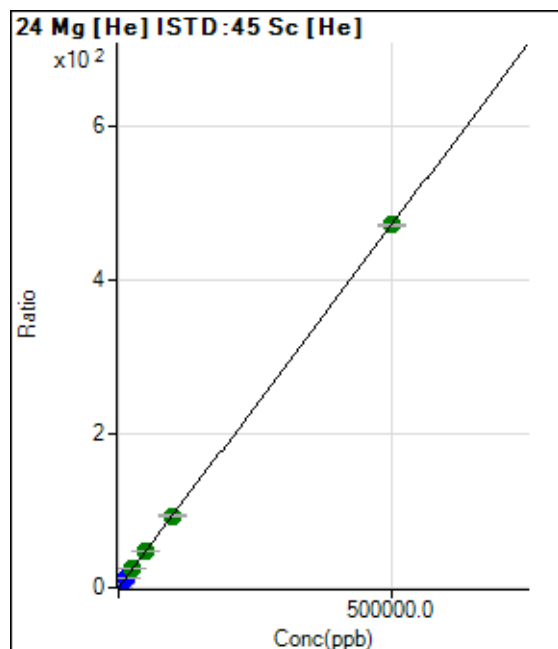
$$R = 1.0000$$

$$DL = 2.325$$

$$BEC = 42.18$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 222.23      | 0.0008   | P    | 11.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 487.302    | 129060.34   | 0.4599   | P    | 0.6  |
| 4 | <input type="checkbox"/> | 5000.000  | 5089.499   | 1332019.03  | 4.7955   | P    | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12974.036  | 3342211.51  | 12.2233  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 25431.493  | 6553704.01  | 23.9592  | A    | 0.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 50071.838  | 12859105.67 | 47.1722  | A    | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 99321.891  | 25669742.59 | 93.5695  | A    | 0.5  |
| 9 | <input type="checkbox"/> | 500000.00 | 500094.13  | 125317573.6 | 471.1271 | A    | 0.7  |

$$y = 9.4208\text{E-}004 * x + 7.8611\text{E-}004$$

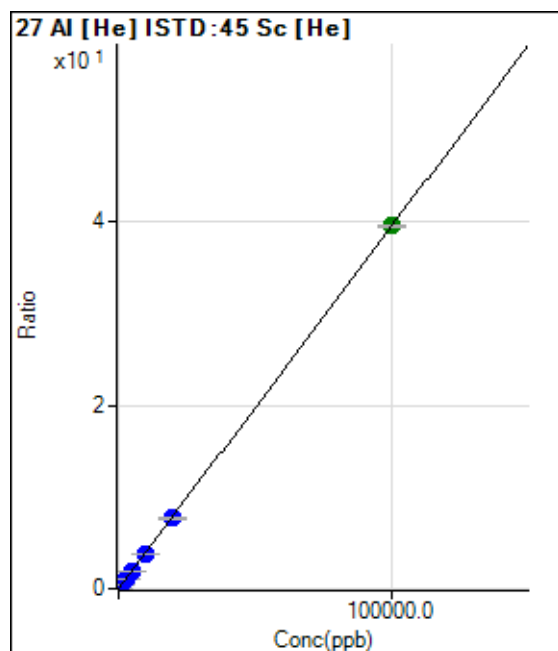
$$R = 1.0000$$

$$DL = 0.2753$$

$$BEC = 0.8344$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 66.67       | 0.0002  | P    | 69.4 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 18.048     | 2066.90     | 0.0074  | P    | 8.1  |
| 4 | <input type="checkbox"/> | 1000.000  | 973.207    | 106835.74   | 0.3846  | P    | 1.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2457.562   | 265472.87   | 0.9709  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4914.553   | 531025.87   | 1.9413  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9752.152   | 1050056.01  | 3.8520  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19399.296  | 2102081.91  | 7.6624  | P    | 0.7  |
| 9 | <input type="checkbox"/> | 100000.00 | 100150.52  | 10521992.25 | 39.5566 | A    | 0.4  |

$$y = 3.9497\text{E-}004 * x + 2.3581\text{E-}004$$

$$R = 1.0000$$

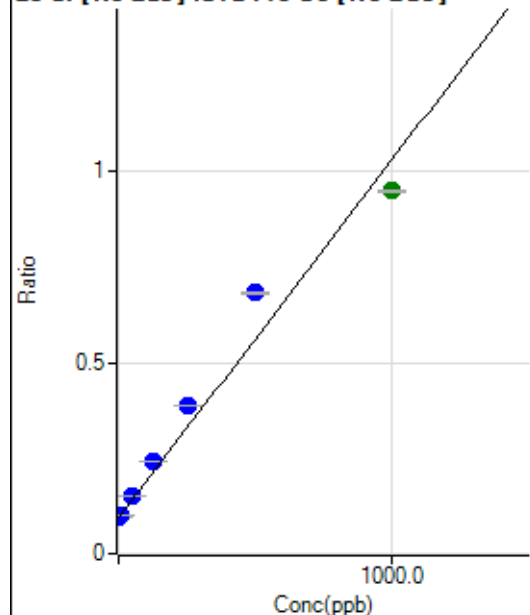
$$DL = 1.243$$

$$BEC = 0.597$$

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      | 528187.63  | 0.0936 | P   | 0.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 5.340      | 555022.45  | 0.0986 | P   | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 61.994     | 847883.43  | 0.1515 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 158.198    | 1332631.16 | 0.2414 | P   | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 313.688    | 2140025.40 | 0.3867 | P   | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 629.656    | 3700797.00 | 0.6820 | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 914.547    | 5133043.17 | 0.9482 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 557275.52  | 0.1058 | P   | 0.6 |

$$y = 9.3444\text{E-}004 * x + 0.0936$$

$$R = 0.9835$$

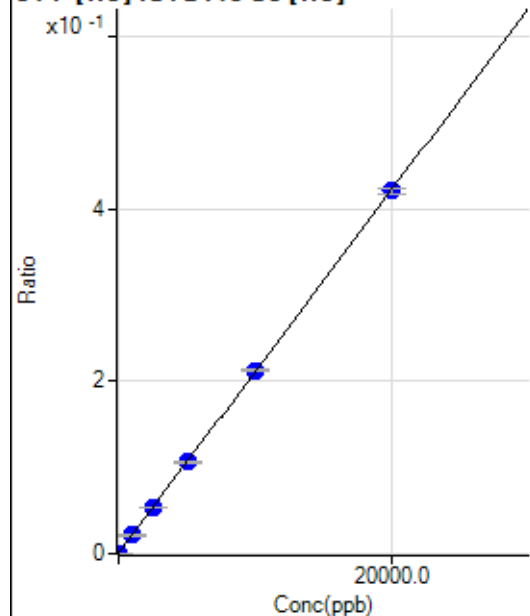
$$DL = 0.2161$$

$$BEC = 100.2$$

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     | -12.495    | 116.67    | 0.0004 | P   | 19.4 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 0.000     | 12.495     | 263.90    | 0.0009 | P   | 9.8  |
| 4 | <input type="checkbox"/> | 1000.000  | 990.617    | 5990.33   | 0.0216 | P   | 3.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2487.114   | 14527.13  | 0.0531 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5037.520   | 29243.50  | 0.1069 | P   | 1.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10077.788  | 58119.48  | 0.2132 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 20000.000 | 19953.806  | 115631.99 | 0.4215 | P   | 1.3  |
| 9 | <input type="checkbox"/> |           |            | 191.68    | 0.0007 | P   | 4.8  |

$$y = 2.1088\text{E-}005 * x + 6.7656\text{E-}004$$

$$R = 1.0000$$

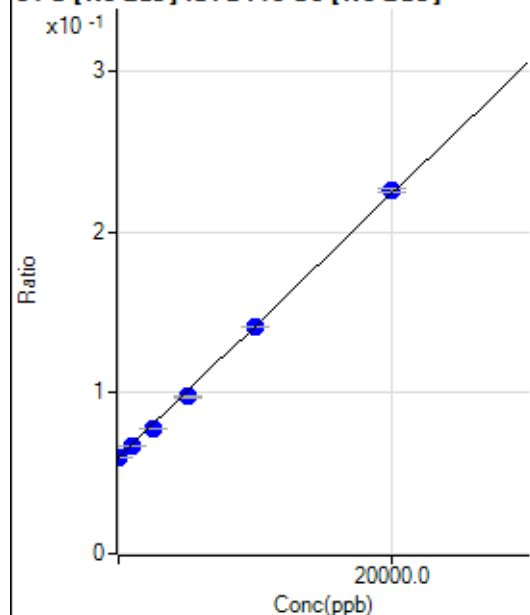
$$DL = 12.22$$

$$BEC = 32.08$$

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     | -12.682    | 336969.34  | 0.0597 | P    | 0.9 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 12.682     | 337347.06  | 0.0599 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 873.152    | 374789.24  | 0.0670 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2181.436   | 428929.06  | 0.0777 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4595.047   | 539500.84  | 0.0975 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9870.660   | 763778.16  | 0.1407 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 20212.072  | 1220883.71 | 0.2255 | P    | 1.2 |
| 9 | <input type="checkbox"/> |           |            | 306949.23  | 0.0583 | P    | 1.4 |

$$y = 8.1983\text{E-}006 * x + 0.0598$$

$$R = 0.9997$$

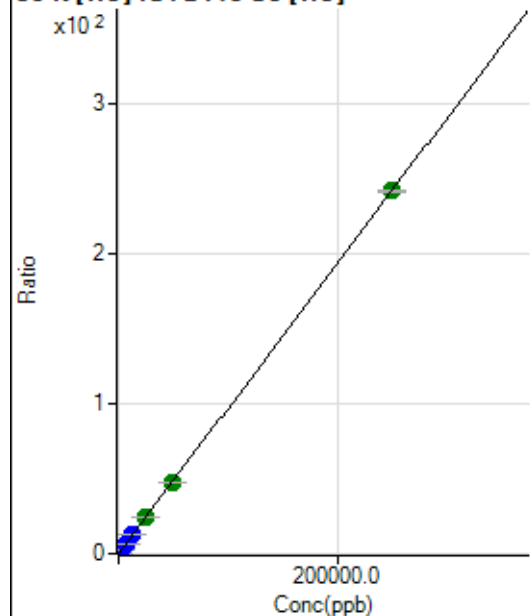
$$DL = 163.4$$

$$BEC = 7297$$

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      | 29168.46    | 0.1032   | P    | 0.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 465.133    | 155312.86   | 0.5534   | P    | 0.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2488.250   | 697599.06   | 2.5115   | P    | 0.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6302.309   | 1696101.08  | 6.2030   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12635.671  | 3373471.32  | 12.3328  | P    | 0.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 24580.217  | 6513187.47  | 23.8934  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 48551.330  | 12919899.16 | 47.0941  | A    | 0.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 250323.80  | 64473803.53 | 242.3814 | A    | 0.6 |

$$y = 9.6786\text{E-}004 * x + 0.1032$$

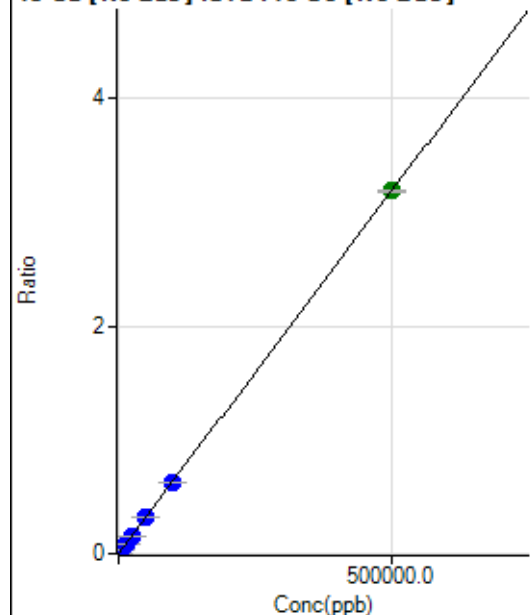
$$R = 1.0000$$

$$DL = 2.016$$

$$BEC = 106.6$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 425.03      | 0.0001 | P    | 19.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 458.373    | 16865.76    | 0.0030 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 5000.000  | 4872.981   | 174163.29   | 0.0311 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 12500.000 | 12275.606  | 432176.10   | 0.0783 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 24527.249  | 865299.91   | 0.1564 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 50000.000 | 49343.165  | 1706682.70  | 0.3145 | P    | 0.0  |
| 8 | <input type="checkbox"/> | 100000.00 | 98820.854  | 3409385.88  | 0.6298 | P    | 0.9  |
| 9 | <input type="checkbox"/> | 500000.00 | 500332.07  | 16792120.17 | 3.1883 | A    | 0.2  |

$$y = 6.3723\text{E-}006 * x + 7.5333\text{E-}005$$

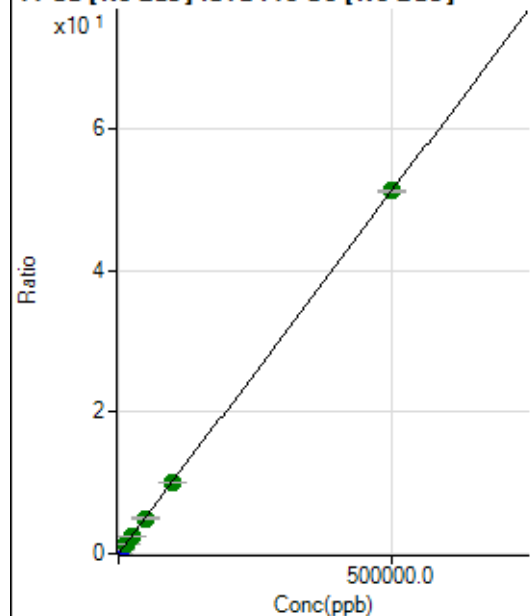
R = 1.0000

DL = 6.854

BEC = 11.82

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19533.30    | 0.0035  | P    | 2.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 457.451    | 283534.00   | 0.0504  | P    | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4895.799   | 2828287.89  | 0.5055  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12215.758  | 6932986.53  | 1.2561  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24267.660  | 13789299.27 | 2.4919  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 48978.285  | 27272593.32 | 5.0257  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 97711.141  | 54258322.04 | 10.0228 | A    | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500604.75  | 270370244.9 | 51.3356 | A    | 0.3 |

$$y = 1.0254\text{E-}004 * x + 0.0035$$

R = 1.0000

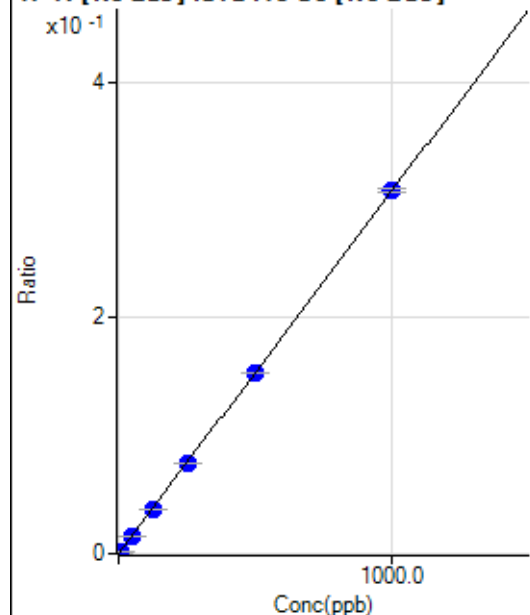
DL = 2.378

BEC = 33.76

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67     | 0.0000 | P   | 18.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.480      | 7871.88    | 0.0014 | P   | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.676     | 85592.89   | 0.0153 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.146    | 210849.50  | 0.0382 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.318    | 422705.79  | 0.0764 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 498.276    | 831657.19  | 0.1533 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.408   | 1667264.72 | 0.3080 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1541.81    | 0.0003 | P   | 14.0 |

$$y = 3.0753E-004 * x + 2.0676E-005$$

$$R = 1.0000$$

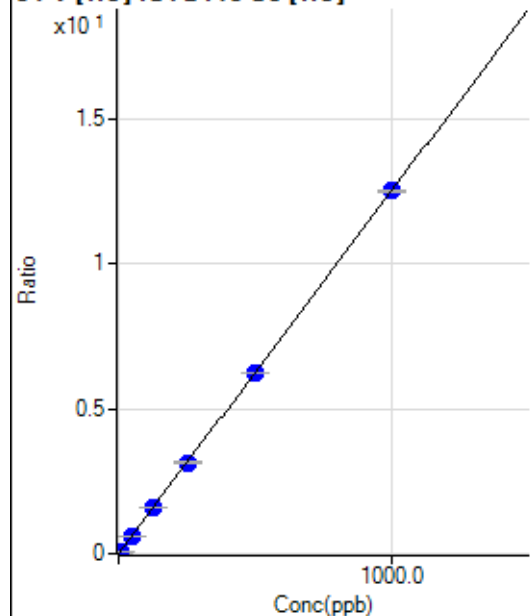
$$DL = 0.0379$$

$$BEC = 0.06723$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 31.11      | 0.0001  | P   | 22.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.572      | 16097.86   | 0.0574  | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.519     | 172238.95  | 0.6201  | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.248    | 428809.41  | 1.5682  | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.105    | 859985.09  | 3.1439  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 499.185    | 1703713.57 | 6.2499  | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.127   | 3435111.62 | 12.5217 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 952.27     | 0.0036  | P   | 3.8  |

$$y = 0.0125 * x + 1.1016E-004$$

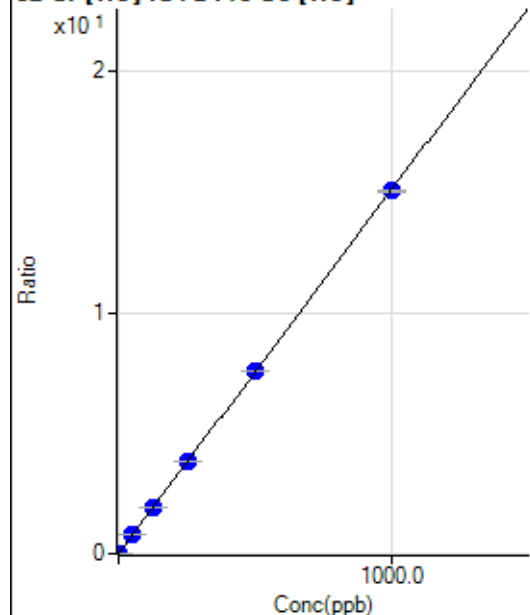
$$R = 1.0000$$

$$DL = 0.005995$$

$$BEC = 0.008798$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 902.27     | 0.0032  | P    | 9.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.998      | 9365.33    | 0.0334  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 50.534     | 212901.46  | 0.7665  | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 127.781    | 528623.64  | 1.9333  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 254.394    | 1051932.41 | 3.8457  | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 502.964    | 2071801.17 | 7.6002  | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.045    | 4132256.08 | 15.0630 | P    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 88888.15   | 0.3342  | P    | 1.1 |

$$y = 0.0151 * x + 0.0032$$

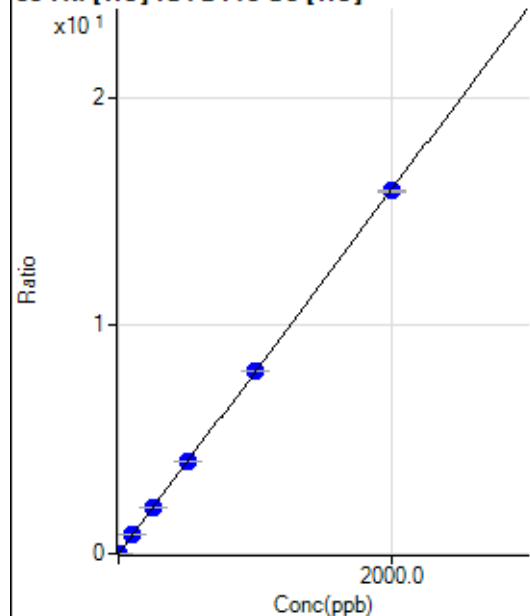
$$R = 1.0000$$

$$DL = 0.0574$$

$$BEC = 0.2114$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 107.78     | 0.0004  | P    | 8.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.008      | 2361.34    | 0.0084  | P    | 1.3 |
| 4 | <input type="checkbox"/> | 100.000  | 101.632    | 225089.63  | 0.8104  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 255.135    | 556101.61  | 2.0337  | P    | 0.0 |
| 6 | <input type="checkbox"/> | 500.000  | 508.321    | 1108256.20 | 4.0516  | P    | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.434   | 2186619.08 | 8.0214  | P    | 0.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1993.979   | 4359715.32 | 15.8919 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 16596.19   | 0.0624  | P    | 1.6 |

$$y = 0.0080 * x + 3.8148E-004$$

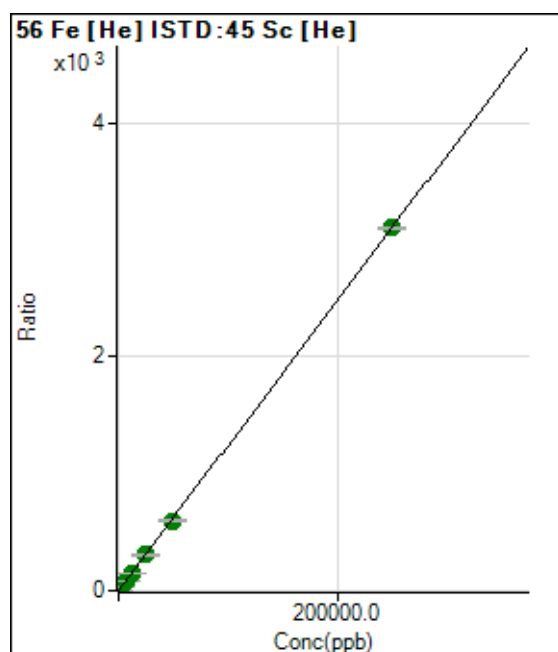
$$R = 1.0000$$

$$DL = 0.01189$$

$$BEC = 0.04787$$

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      | 4482.29     | 0.0159    | P    | 1.9 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 46.715     | 166921.32   | 0.5948    | P    | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2503.563   | 8621756.96  | 31.0398   | A    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6278.971   | 21280017.37 | 77.8243   | A    | 0.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 12529.437  | 42474741.69 | 155.2795  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24640.448  | 83238938.90 | 305.3580  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 48325.670  | 164288479.6 | 598.8631  | A    | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 250368.59  | 825293862.8 | 3,102.560 | A    | 0.6 |

$$y = 0.0124 * x + 0.0159$$

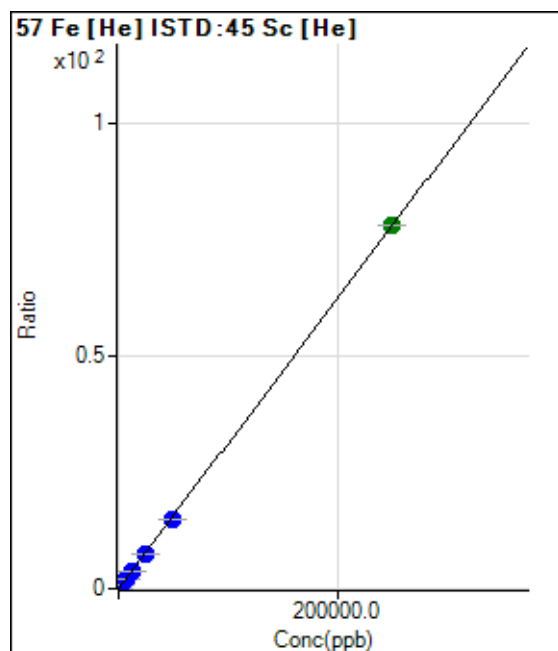
$$R = 1.0000$$

$$DL = 0.07467$$

$$BEC = 1.28$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 87.04       | 0.0003  | P    | 9.4 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 45.640     | 4078.48     | 0.0145  | P    | 5.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2451.205   | 212248.62   | 0.7641  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 6145.678   | 523734.89   | 1.9154  | P    | 0.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12259.740  | 1045068.88  | 3.8206  | P    | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24169.708  | 2053171.07  | 7.5318  | P    | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 48142.126  | 4115515.81  | 15.0019 | P    | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 250469.71  | 20761098.15 | 78.0493 | A    | 0.1 |

$$y = 3.1161E-004 * x + 3.0792E-004$$

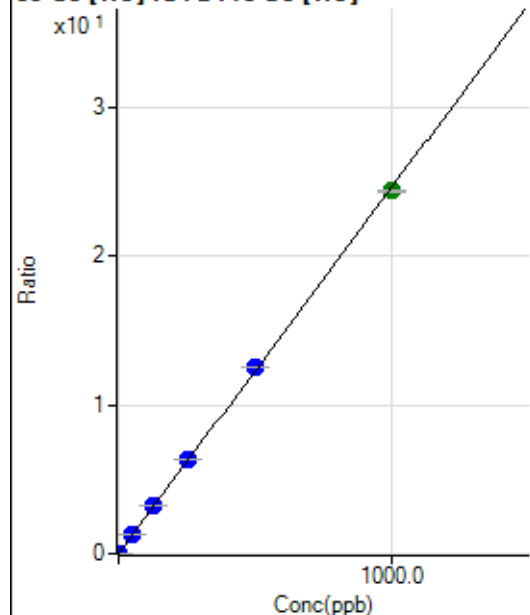
$$R = 1.0000$$

$$DL = 0.2788$$

$$BEC = 0.9881$$

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      | 214.45     | 0.0008  | P    | 17.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.960      | 6843.94    | 0.0244  | P    | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 51.643     | 353249.90  | 1.2718  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.700    | 879760.49  | 3.2175  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 259.432    | 1746739.23 | 6.3857  | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 511.115    | 3429324.64 | 12.5800 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.290    | 6693113.99 | 24.3978 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 8286.91    | 0.0312  | P    | 1.4  |

$$y = 0.0246 * x + 7.5860E-004$$

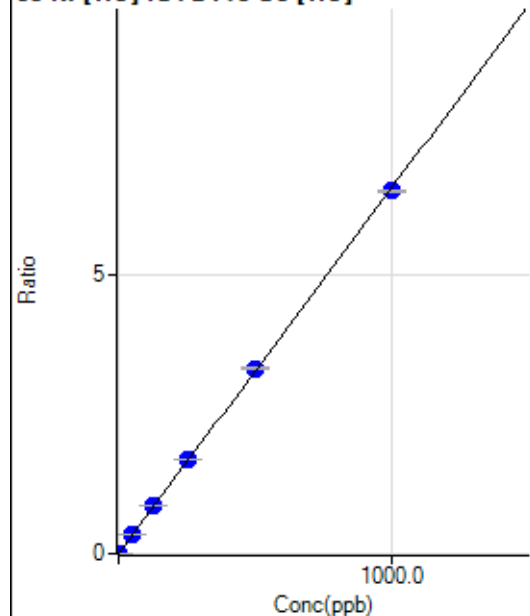
$$R = 0.9999$$

$$DL = 0.01659$$

$$BEC = 0.03082$$

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      | 91.11      | 0.0003 | P    | 24.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.032      | 1986.84    | 0.0071 | P    | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 52.392     | 95406.55   | 0.3435 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.587    | 235751.71  | 0.8622 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 259.381    | 464798.01  | 1.6992 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.497    | 906220.57  | 3.3243 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.963    | 1784272.25 | 6.5040 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 21006.36   | 0.0790 | P    | 1.0  |

$$y = 0.0065 * x + 3.2237E-004$$

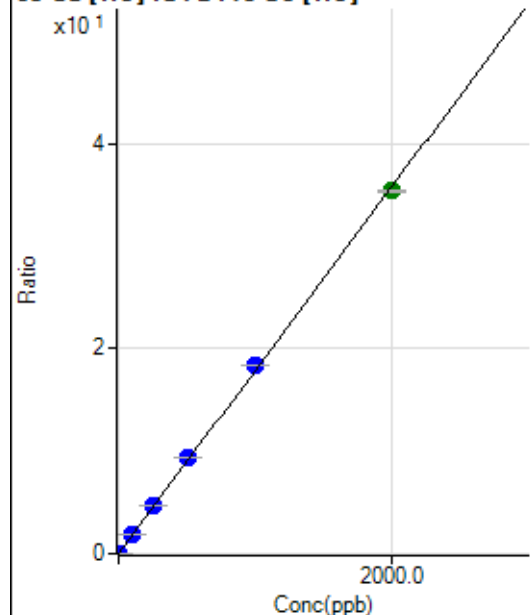
$$R = 0.9999$$

$$DL = 0.03582$$

$$BEC = 0.04922$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [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      | 518.91     | 0.0018  | P   | 6.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.973      | 10412.74   | 0.0371  | P   | 1.2 |
| 4 | <input type="checkbox"/> | 100.000  | 104.019    | 516894.92  | 1.8609  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 262.893    | 1285253.26 | 4.7004  | P   | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 521.630    | 2550632.98 | 9.3246  | P   | 0.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1025.448   | 4996562.08 | 18.3291 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 2000.000 | 1980.056   | 9708734.86 | 35.3903 | A   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 13579.81   | 0.0511  | P   | 0.7 |

$$y = 0.0179 * x + 0.0018$$

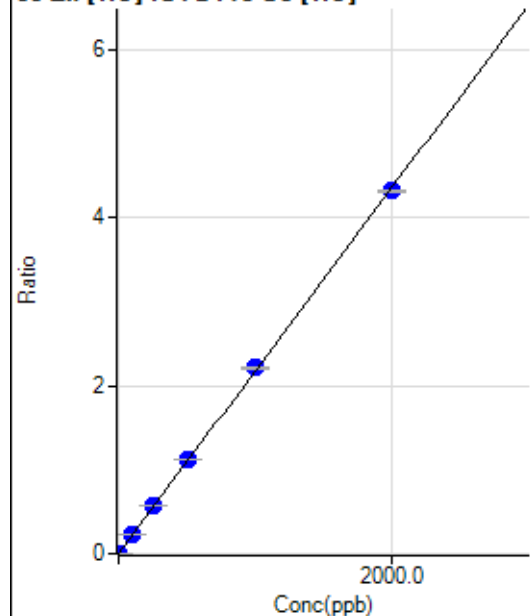
$$R = 0.9998$$

$$DL = 0.01935$$

$$BEC = 0.1027$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [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      | 227.78     | 0.0008 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.120      | 1518.99    | 0.0054 | P   | 2.3 |
| 4 | <input type="checkbox"/> | 100.000  | 104.545    | 63313.28   | 0.2279 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 262.600    | 156221.29  | 0.5713 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 519.250    | 308803.76  | 1.1289 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.978   | 601932.72  | 2.2081 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.396   | 1183572.25 | 4.3143 | P   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 7271.91    | 0.0273 | P   | 2.9 |

$$y = 0.0022 * x + 8.0603E-004$$

$$R = 0.9999$$

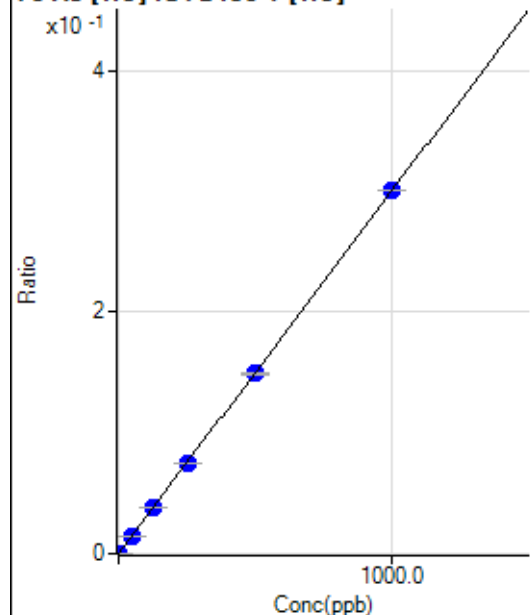
$$DL = 0.02621$$

$$BEC = 0.371$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 14.81     | 0.0000 | P    | 57.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.002      | 481.50    | 0.0003 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.250     | 22766.64  | 0.0148 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.991    | 56920.04  | 0.0375 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 248.600    | 113136.76 | 0.0746 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 497.968    | 224973.93 | 0.1494 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.404   | 450879.30 | 0.3003 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 651.87    | 0.0004 | P    | 8.0  |

$$y = 2.9990\text{E-}004 * x + 9.4853\text{E-}006$$

$$R = 1.0000$$

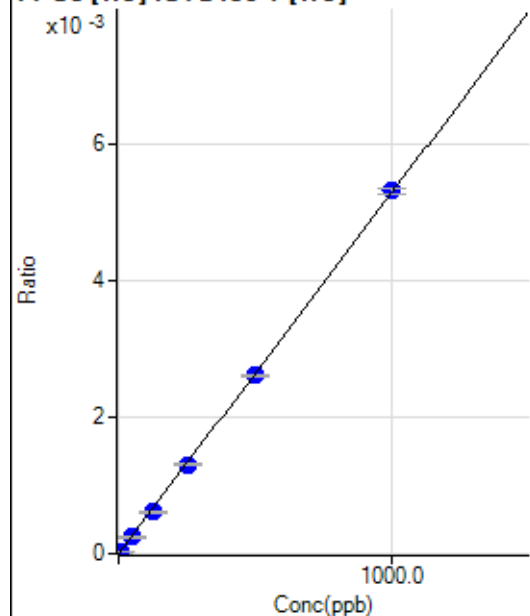
$$DL = 0.05418$$

$$BEC = 0.03163$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22    | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.276      | 45.56   | 0.0000 | P    | 11.5 |
| 4 | <input type="checkbox"/> | 50.000   | 46.488     | 381.12  | 0.0002 | P    | 11.5 |
| 5 | <input type="checkbox"/> | 125.000  | 116.461    | 937.82  | 0.0006 | P    | 3.8  |
| 6 | <input type="checkbox"/> | 250.000  | 246.861    | 1984.61 | 0.0013 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 493.726    | 3938.38 | 0.0026 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.163   | 7989.00 | 0.0053 | P    | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 12.22   | 0.0000 | P    | 31.3 |

$$y = 5.2927\text{E-}006 * x + 1.4178\text{E-}006$$

$$R = 0.9999$$

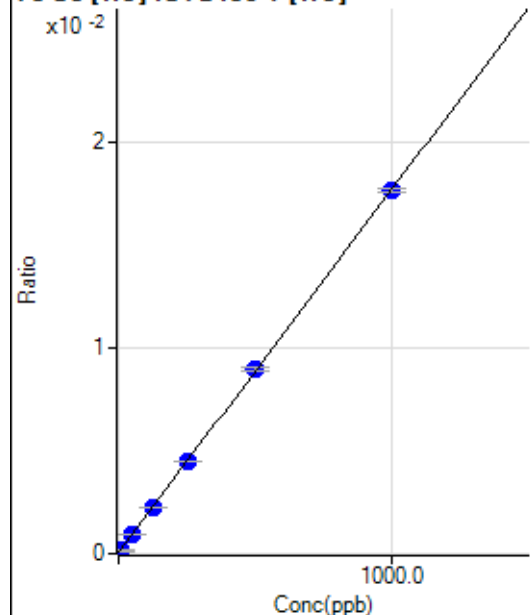
$$DL = 0.696$$

$$BEC = 0.2679$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.42    | 0.0001 | P    | 11.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.856      | 219.14   | 0.0001 | P    | 7.6  |
| 4 | <input type="checkbox"/> | 50.000   | 48.803     | 1413.66  | 0.0009 | P    | 3.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.848    | 3433.16  | 0.0023 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.306    | 6822.03  | 0.0045 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 505.666    | 13542.82 | 0.0090 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.920    | 26530.44 | 0.0177 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 137.66   | 0.0001 | P    | 20.0 |

$$y = 1.7671\text{E-}005 * x + 5.5335\text{E-}005$$

R = 1.0000

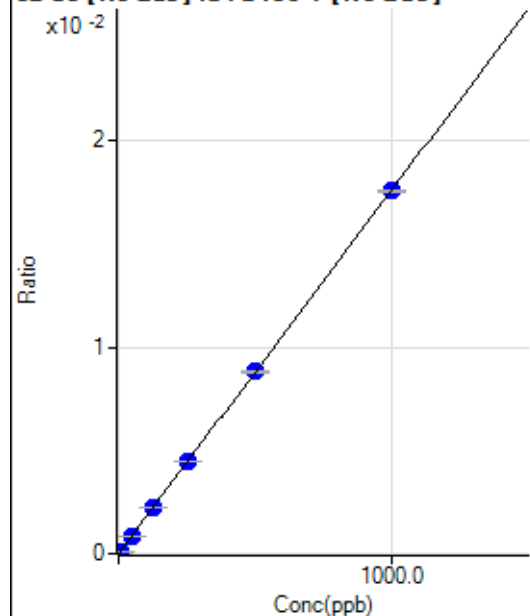
DL = 1.087

BEC = 3.131

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 48.10     | 0.0000 | P    | 150. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.930      | 890.72    | 0.0001 | P    | 10.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.688     | 8451.60   | 0.0009 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 126.951    | 21095.48  | 0.0022 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 254.225    | 42503.57  | 0.0045 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.396    | 82923.78  | 0.0088 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.518    | 164603.47 | 0.0176 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 403.44    | 0.0000 | P    | 16.9 |

$$y = 1.7601\text{E-}005 * x + 4.9761\text{E-}006$$

R = 1.0000

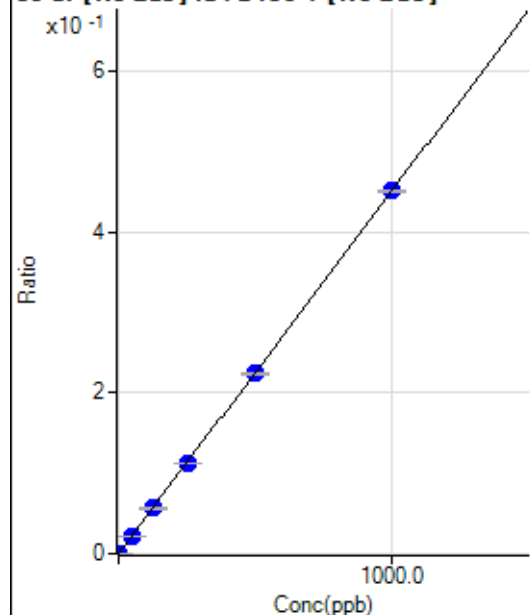
DL = 1.279

BEC = 0.2827

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1127.87    | 0.0001 | P        | 8.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.827      | 4748.21    | 0.0005 | P        | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 49.554     | 215422.97  | 0.0224 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 124.827    | 530288.66  | 0.0563 | P        | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 250.002    | 1068673.78 | 0.1126 | P        | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 496.946    | 2105657.01 | 0.2238 | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.571   | 4221576.57 | 0.4509 | P        | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 120070.60  | 0.0134 | P        | 2.2 |

$$y = 4.5006E-004 * x + 1.1649E-004$$

$$R = 1.0000$$

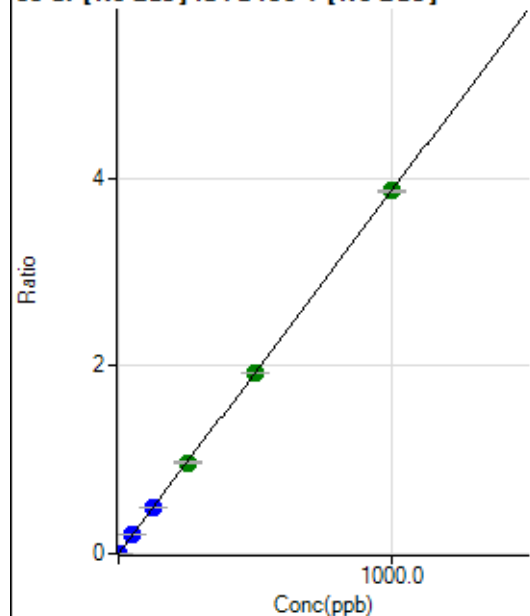
$$DL = 0.06275$$

$$BEC = 0.2588$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 252.79      | 0.0000 | P        | 25.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.888      | 33576.39    | 0.0035 | P        | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.532     | 1874979.60  | 0.1951 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.777    | 4683717.86  | 0.4972 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 251.035    | 9195843.00  | 0.9692 | A        | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 497.820    | 18086341.55 | 1.9220 | A        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.333   | 36161178.59 | 3.8622 | A        | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 1032518.82  | 0.1155 | P        | 1.2  |

$$y = 0.0039 * x + 2.6106E-005$$

$$R = 1.0000$$

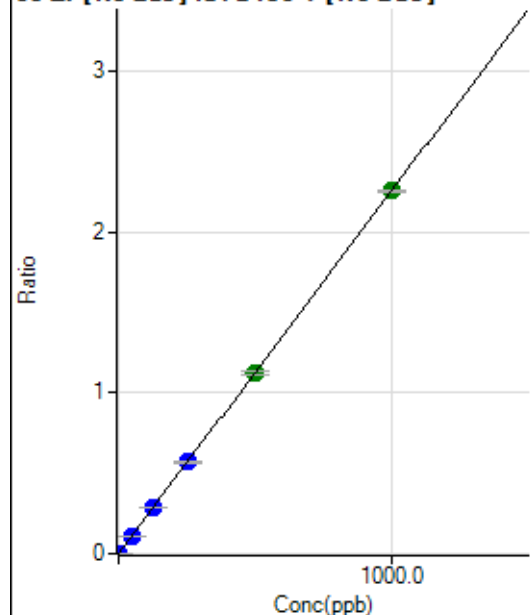
$$DL = 0.005099$$

$$BEC = 0.006762$$

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      | 519.48      | 0.0001 | P    | 15.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.693      | 15689.70    | 0.0016 | P    | 6.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.664     | 1054594.78  | 0.1097 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.759    | 2670765.71  | 0.2835 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 252.485    | 5400316.35  | 0.5692 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 498.502    | 10574001.19 | 1.1237 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.100   | 21107990.75 | 2.2544 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 5409.61     | 0.0006 | P    | 1.9  |

$$y = 0.0023 * x + 5.3637E-005$$

$$R = 1.0000$$

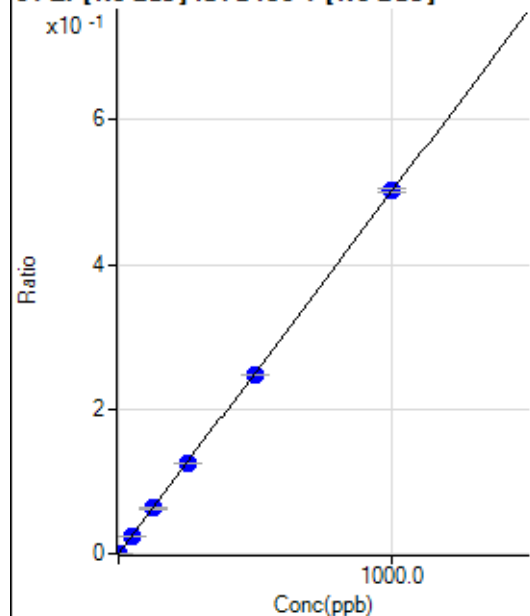
$$DL = 0.01118$$

$$BEC = 0.0238$$

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      | 88.89      | 0.0000 | P    | 42.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.698      | 3481.12    | 0.0004 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.380     | 232704.19  | 0.0242 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.152    | 589979.90  | 0.0626 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.596    | 1180277.81 | 0.1244 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.528    | 2333282.13 | 0.2480 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.649   | 4697349.28 | 0.5017 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1269.55    | 0.0001 | P    | 8.5  |

$$y = 5.0037E-004 * x + 9.1750E-006$$

$$R = 1.0000$$

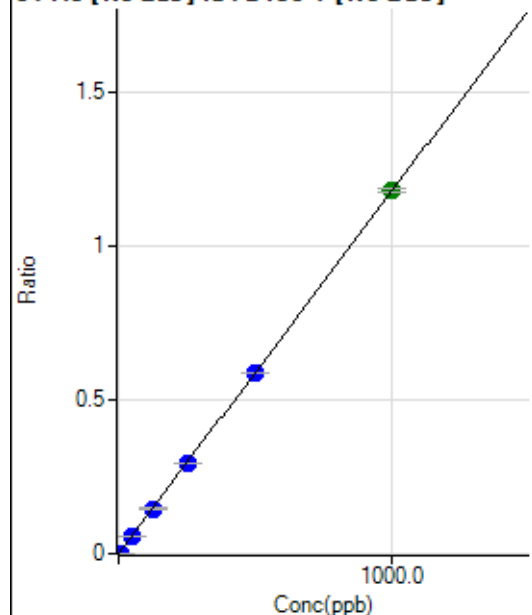
$$DL = 0.02317$$

$$BEC = 0.01834$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 288.91      | 0.0000 | P    | 14.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.829      | 21241.46    | 0.0022 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 47.927     | 543357.71   | 0.0565 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.572    | 1384073.27  | 0.1469 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.558    | 2781356.12  | 0.2931 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 497.365    | 5519365.49  | 0.5865 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.851   | 11061728.46 | 1.1815 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 20437.55    | 0.0023 | P    | 5.0  |

$$y = 0.0012 * x + 2.9830E-005$$

$$R = 1.0000$$

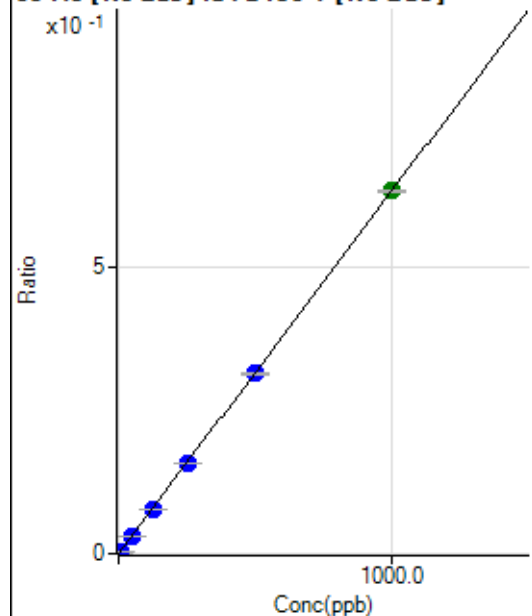
$$DL = 0.01109$$

$$BEC = 0.0253$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.00     | 0.0000 | P    | 0.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.454      | 27483.00   | 0.0028 | P    | 3.3 |
| 4 | <input type="checkbox"/> | 50.000   | 47.972     | 291825.10  | 0.0304 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 124.207    | 740582.78  | 0.0786 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 249.184    | 1496336.62 | 0.1577 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 498.294    | 2967501.74 | 0.3154 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.261   | 5933057.43 | 0.6337 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 31775.23   | 0.0036 | P    | 8.9 |

$$y = 6.3287E-004 * x + 1.0328E-005$$

$$R = 1.0000$$

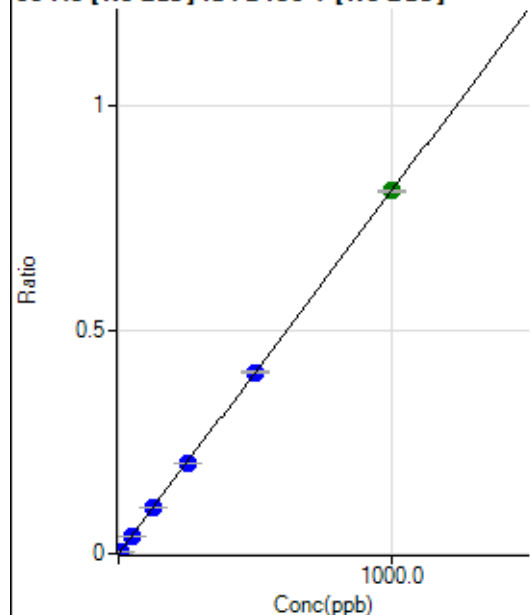
$$DL = 0.0001003$$

$$BEC = 0.01632$$

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      | 197.23     | 0.0000 | P    | 36.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.776      | 29918.32   | 0.0031 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.271     | 376100.40  | 0.0391 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.628    | 951639.50  | 0.1010 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.354    | 1917498.30 | 0.2021 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 500.536    | 3817218.49 | 0.4057 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.033   | 7588437.93 | 0.8105 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 39915.35   | 0.0045 | P    | 7.1  |

$$y = 8.1043\text{E-}004 * x + 2.0368\text{E-}005$$

$$R = 1.0000$$

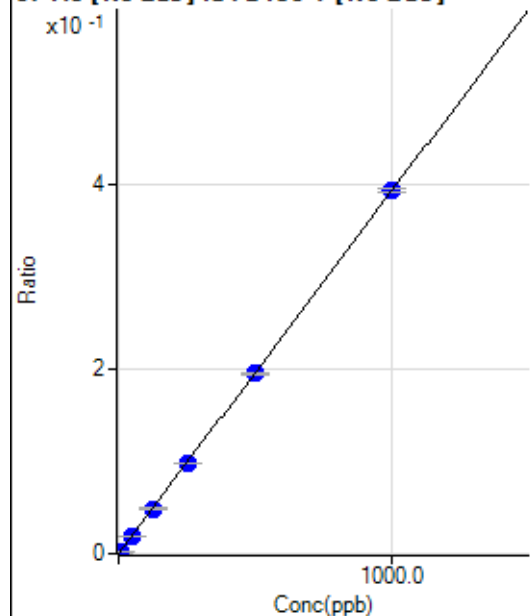
$$DL = 0.0278$$

$$BEC = 0.02513$$

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      | 113.90     | 0.0000 | P    | 41.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.475      | 17149.80   | 0.0018 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.198     | 181605.74  | 0.0189 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.668    | 460329.67  | 0.0489 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 248.694    | 924789.12  | 0.0975 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 498.431    | 1838062.70 | 0.1953 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.245   | 3673789.19 | 0.3924 | P    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 19197.08   | 0.0021 | P    | 10.1 |

$$y = 3.9188\text{E-}004 * x + 1.1769\text{E-}005$$

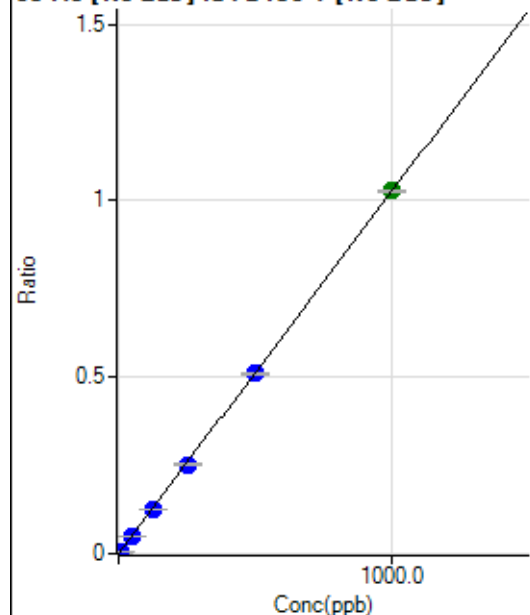
$$R = 1.0000$$

$$DL = 0.03769$$

$$BEC = 0.03003$$

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      | 188.90     | 0.0000 | P    | 19.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.356      | 43578.92   | 0.0045 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 47.632     | 469505.61  | 0.0489 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.445    | 1192573.50 | 0.1266 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 246.580    | 2399087.84 | 0.2529 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 498.087    | 4806138.95 | 0.5108 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.127   | 9621392.66 | 1.0276 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 50228.93   | 0.0056 | P    | 10.0 |

$$y = 0.0010 * x + 1.9507E-005$$

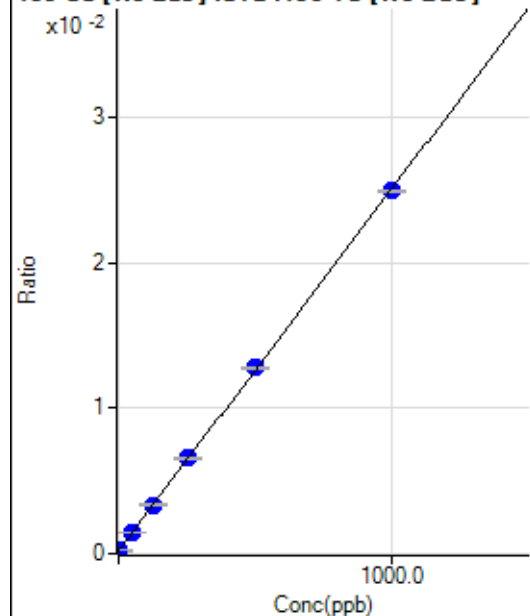
$$R = 1.0000$$

$$DL = 0.01132$$

$$BEC = 0.01902$$

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      | 2200.26   | 0.0002 | P    | 8.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.340      | 2564.24   | 0.0002 | P    | 3.9 |
| 4 | <input type="checkbox"/> | 50.000   | 50.845     | 16463.02  | 0.0015 | P    | 1.5 |
| 5 | <input type="checkbox"/> | 125.000  | 127.641    | 37907.28  | 0.0034 | P    | 1.9 |
| 6 | <input type="checkbox"/> | 250.000  | 256.178    | 73733.65  | 0.0066 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 505.865    | 142144.99 | 0.0128 | P    | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.150    | 278140.33 | 0.0250 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 1944.67   | 0.0002 | P    | 9.3 |

$$y = 2.4883E-005 * x + 1.9324E-004$$

$$R = 1.0000$$

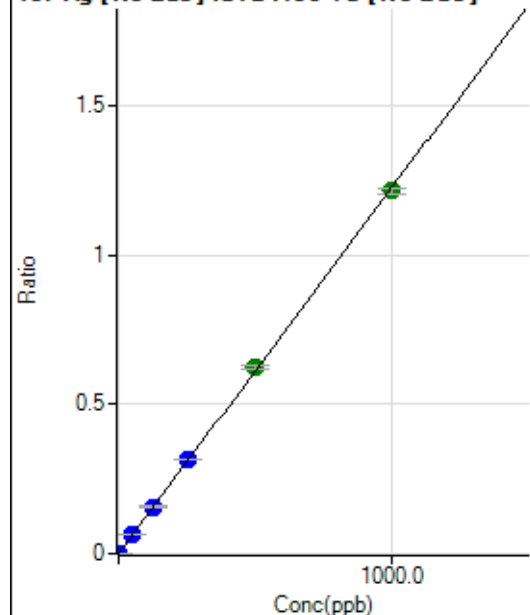
$$DL = 1.964$$

$$BEC = 7.766$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78       | 0.0000 | P    | 34.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.264      | 17592.13    | 0.0016 | P    | 4.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.818     | 716269.53   | 0.0635 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 128.844    | 1774995.20  | 0.1578 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 258.565    | 3554315.49  | 0.3166 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.593    | 6939493.56  | 0.6240 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.490    | 13543593.19 | 1.2152 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 1477.92     | 0.0001 | P    | 4.8  |

$$y = 0.0012 * x + 6.8340E-006$$

$$R = 0.9999$$

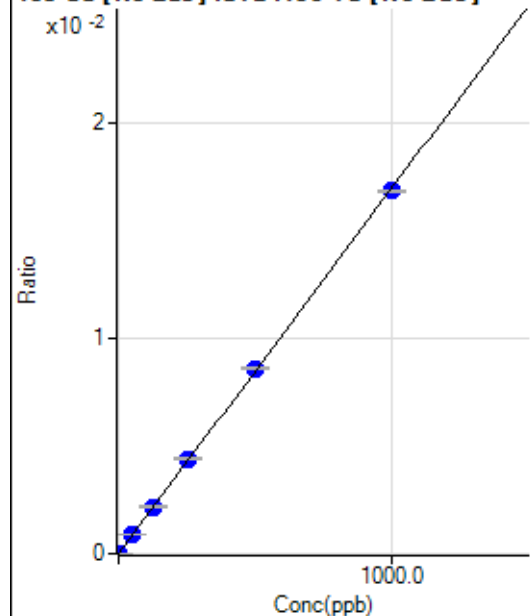
$$DL = 0.005798$$

$$BEC = 0.005582$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.34      | 0.0000 | P    | 86.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.030      | 205.56    | 0.0000 | P    | 9.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.422     | 9830.02   | 0.0009 | P    | 2.8  |
| 5 | <input type="checkbox"/> | 125.000  | 128.502    | 24472.76  | 0.0022 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 258.920    | 49196.46  | 0.0044 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 507.062    | 95439.44  | 0.0086 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.730    | 187420.28 | 0.0168 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 38.89     | 0.0000 | P    | 6.0  |

$$y = 1.6922E-005 * x + 7.3277E-007$$

$$R = 0.9999$$

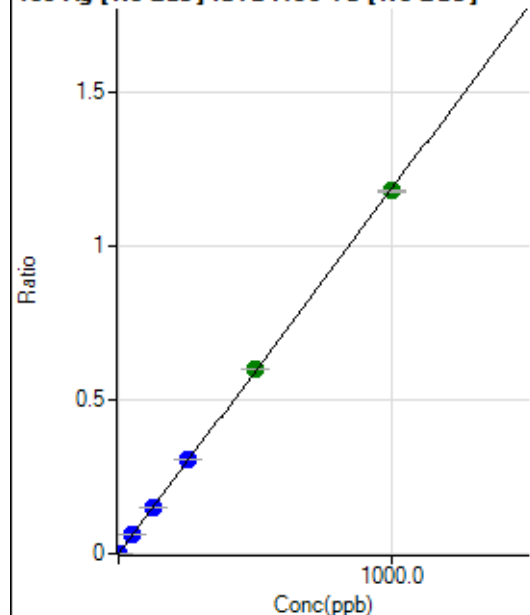
$$DL = 0.1127$$

$$BEC = 0.0433$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.45       | 0.0000 | P        | 24.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.230      | 16490.83    | 0.0015 | P        | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.410     | 686489.64   | 0.0608 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 128.477    | 1709894.96  | 0.1520 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 257.404    | 3418412.97  | 0.3045 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 505.631    | 6652338.30  | 0.5981 | A        | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.828    | 13115661.14 | 1.1768 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1425.13     | 0.0001 | P        | 12.7 |

$$y = 0.0012 * x + 1.7082E-006$$

$$R = 0.9999$$

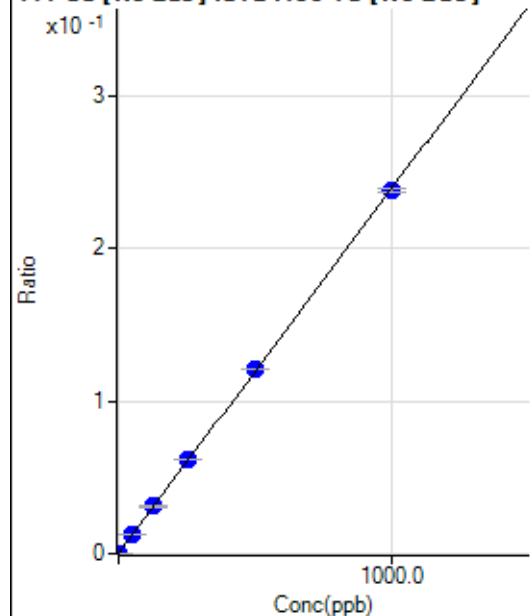
$$DL = 0.001078$$

$$BEC = 0.001444$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1559.34    | 0.0001 | P        | 7.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.985      | 4213.86    | 0.0004 | P        | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 51.563     | 140644.26  | 0.0125 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 128.868    | 348021.18  | 0.0309 | P        | 1.6 |
| 6 | <input type="checkbox"/> | 250.000  | 257.513    | 692420.33  | 0.0617 | P        | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 506.680    | 1348236.83 | 0.1212 | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.220    | 2649558.11 | 0.2377 | P        | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 1717.39    | 0.0002 | P        | 8.3 |

$$y = 2.3898E-004 * x + 1.3695E-004$$

$$R = 0.9999$$

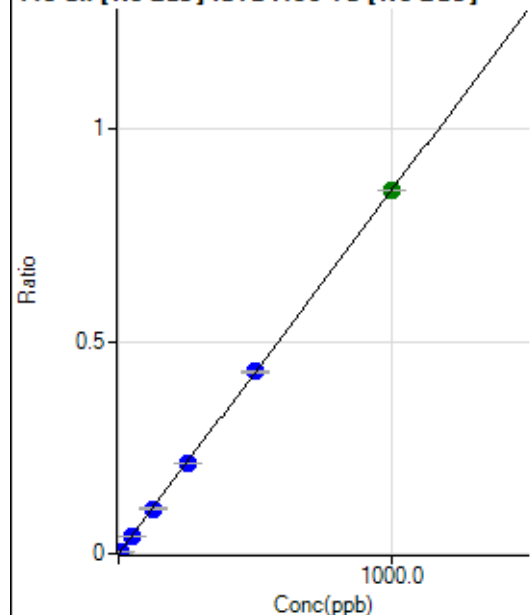
$$DL = 0.1334$$

$$BEC = 0.5731$$

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      | 961.19     | 0.0001 | P    | 14.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.594      | 45421.55   | 0.0040 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.239     | 476209.77  | 0.0422 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.982    | 1193650.76 | 0.1061 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 251.081    | 2411159.93 | 0.2148 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.924    | 4764724.85 | 0.4284 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.435    | 9525418.53 | 0.8546 | A    | 0.0  |
| 9 | <input type="checkbox"/> |          |            | 12764.60   | 0.0012 | P    | 9.4  |

$$y = 8.5504\text{E-}004 * x + 8.4432\text{E-}005$$

$$R = 1.0000$$

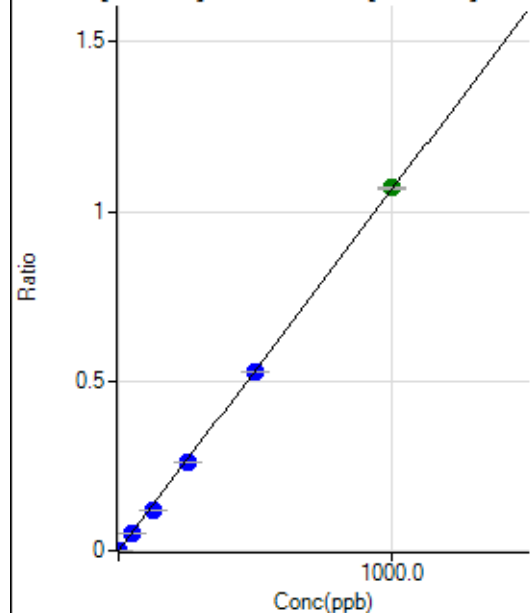
$$DL = 0.04187$$

$$BEC = 0.09875$$

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      | 47.23       | 0.0000 | P    | 26.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.819      | 21945.70    | 0.0019 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 45.725     | 549217.39   | 0.0487 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 114.468    | 1370254.69  | 0.1218 | P    | 0.0  |
| 6 | <input type="checkbox"/> | 250.000  | 243.388    | 2907194.18  | 0.2590 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 495.658    | 5865171.01  | 0.5273 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.355   | 11921436.64 | 1.0696 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 60829.96    | 0.0058 | P    | 4.9  |

$$y = 0.0011 * x + 4.1471\text{E-}006$$

$$R = 0.9999$$

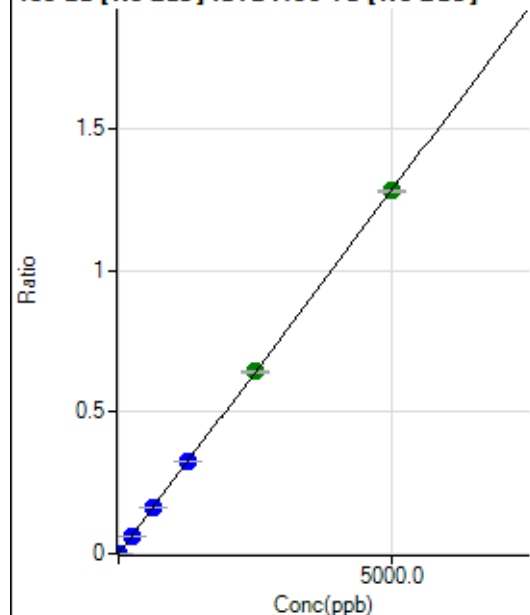
$$DL = 0.00315$$

$$BEC = 0.003898$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89       | 0.0000 | P    | 68.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.269      | 26968.74    | 0.0024 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 249.009    | 720233.78   | 0.0638 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 625.000  | 625.345    | 1802649.95  | 0.1602 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1269.040   | 3650261.06  | 0.3251 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.094   | 7135414.66  | 0.6416 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4993.201   | 14258102.06 | 1.2793 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 4851.11     | 0.0005 | P    | 3.0  |

$$y = 2.5620\text{E-}004 * x + 7.7966\text{E-}006$$

$$R = 1.0000$$

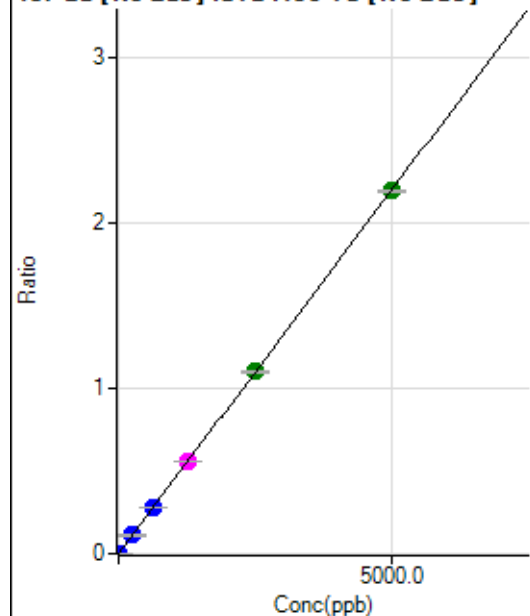
$$DL = 0.06282$$

$$BEC = 0.03043$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45      | 0.0000 | P    | 28.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.449      | 47211.67    | 0.0042 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 250.000  | 251.474    | 1249582.41  | 0.1107 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 634.136    | 3140382.91  | 0.2791 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1272.627   | 6288596.80  | 0.5601 | M    | 1.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2503.323   | 12254626.66 | 1.1018 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.467   | 24485537.87 | 2.1970 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 8422.35     | 0.0008 | P    | 4.1  |

$$y = 4.4014\text{E-}004 * x + 1.2689\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02474$$

$$BEC = 0.02883$$

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"/> |       |            | 2.22   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 54.1 |
| 5 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 5.1  |
| 6 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 20.8 |
| 7 | <input type="checkbox"/> |       |            | 228.90 |       | P        | 11.0 |
| 8 | <input type="checkbox"/> |       |            | 415.58 |       | P        | 17.6 |
| 9 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 14.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 49.5 |
| 6 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 7 | <input type="checkbox"/> |       |            | 35.55 |       | P        | 19.5 |
| 8 | <input type="checkbox"/> |       |            | 65.56 |       | P        | 12.8 |
| 9 | <input type="checkbox"/> |       |            | 68.89 |       | P        | 36.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 24.7 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 35.2 |
| 6 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 77.9 |
| 7 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 17.8 |
| 8 | <input type="checkbox"/> |       |            | 150.01 |       | P        | 11.1 |
| 9 | <input type="checkbox"/> |       |            | 155.57 |       | P        | 25.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 124. |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 69.3 |
| 7 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 6.9  |
| 8 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 13.5 |
| 9 | <input type="checkbox"/> |       |            | 82.23 |       | P        | 11.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 32.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 27.0 |
| 5 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 43.8 |
| 6 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 27.2 |
| 7 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 36.7 |
| 8 | <input type="checkbox"/> |       |            | 100.01 |       | P        | 38.2 |
| 9 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 28.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 8.7  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 22.3 |
| 4 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 17.6 |
| 5 | <input type="checkbox"/> |       |            | 36.67  |       | P        | 18.2 |
| 6 | <input type="checkbox"/> |       |            | 36.67  |       | P        | 36.4 |
| 7 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 11.8 |
| 8 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 30.6 |
| 9 | <input type="checkbox"/> |       |            | 112.23 |       | P        | 17.9 |

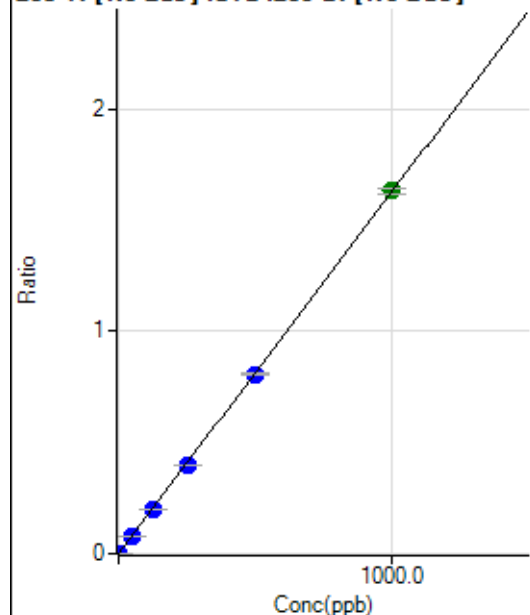
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 43.8 |
| 4 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 44.1 |
| 5 | <input type="checkbox"/> |       |            | 47.23 |       | P        | 71.3 |
| 6 | <input type="checkbox"/> |       |            | 58.33 |       | P        | 37.8 |
| 7 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 9.1  |
| 8 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 16.7 |
| 9 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 43.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 20.8 |
| 4 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 6.9  |
| 6 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 28.6 |
| 7 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 39.8 |
| 8 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 34.3 |
| 9 | <input type="checkbox"/> |       |            | 63.33 |       | P        | 19.0 |

203 Tl [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      | 130.56      | 0.0000 | P    | 35.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.894      | 9765.11     | 0.0015 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.875     | 518536.96   | 0.0779 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 120.436    | 1298317.15  | 0.1958 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 244.411    | 2637175.30  | 0.3974 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 496.843    | 5242200.72  | 0.8078 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.653   | 10343528.70 | 1.6319 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 2664.27     | 0.0005 | P    | 4.1  |

$$y = 0.0016 * x + 1.9481E-005$$

$$R = 1.0000$$

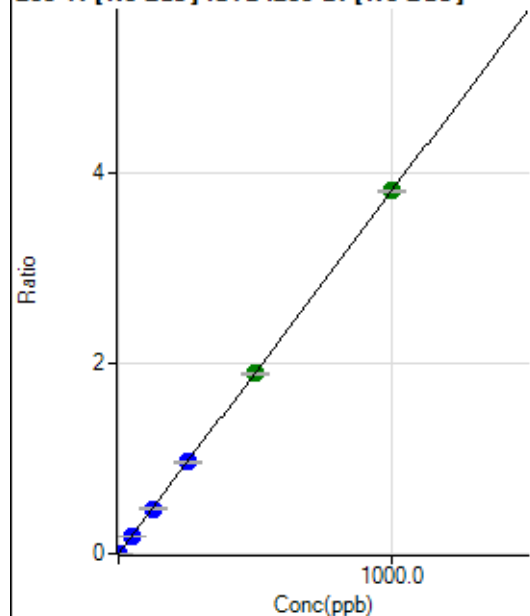
$$DL = 0.01265$$

$$BEC = 0.01198$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [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      | 294.46      | 0.0000 | P    | 21.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.936      | 23905.61    | 0.0036 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.151     | 1247198.97  | 0.1873 | P    | 0.0  |
| 5 | <input type="checkbox"/> | 125.000  | 124.614    | 3147082.97  | 0.4747 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 252.157    | 6373900.14  | 0.9605 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.333    | 12268231.78 | 1.8906 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.385   | 24178191.68 | 3.8144 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 6752.00     | 0.0012 | P    | 9.4  |

$$y = 0.0038 * x + 4.3921E-005$$

$$R = 1.0000$$

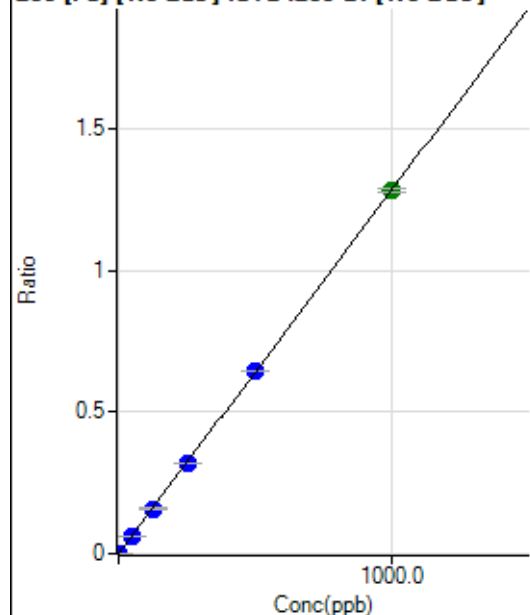
$$DL = 0.007258$$

$$BEC = 0.01153$$

Weight: &lt;None&gt;

Min Conc: 0

206 [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      | 792.64     | 0.0001 | P    | 2.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.919      | 8595.62    | 0.0013 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 49.002     | 419613.09  | 0.0630 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 124.197    | 1057466.84 | 0.1595 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 249.213    | 2123157.81 | 0.3199 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 503.643    | 4194942.10 | 0.6465 | P    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.526    | 8123268.99 | 1.2816 | A    | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 16440.24   | 0.0029 | P    | 2.9 |

$$y = 0.0013 * x + 1.1827E-004$$

$$R = 1.0000$$

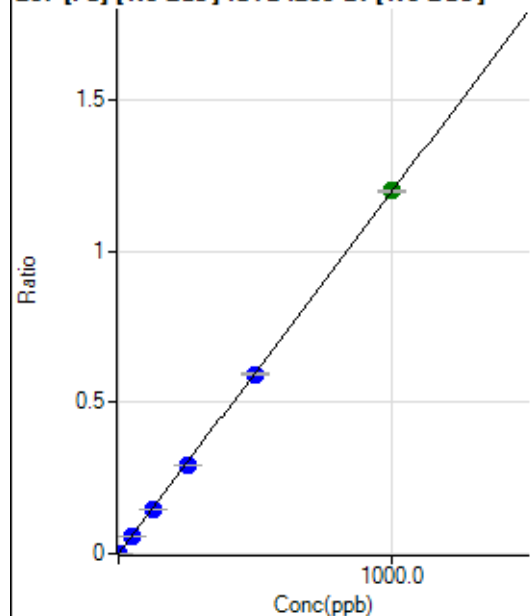
$$DL = 0.006553$$

$$BEC = 0.09215$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 785.24     | 0.0001 | P    | 9.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 8000.76    | 0.0012 | P    | 2.6 |
| 4 | <input type="checkbox"/> | 50.000   | 48.721     | 388150.32  | 0.0583 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 122.535    | 970550.75  | 0.1464 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 246.935    | 1957003.49 | 0.2949 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 495.547    | 3839512.67 | 0.5917 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.365   | 7593551.10 | 1.1979 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 14322.90   | 0.0026 | P    | 3.2 |

$$y = 0.0012 * x + 1.1718E-004$$

$$R = 1.0000$$

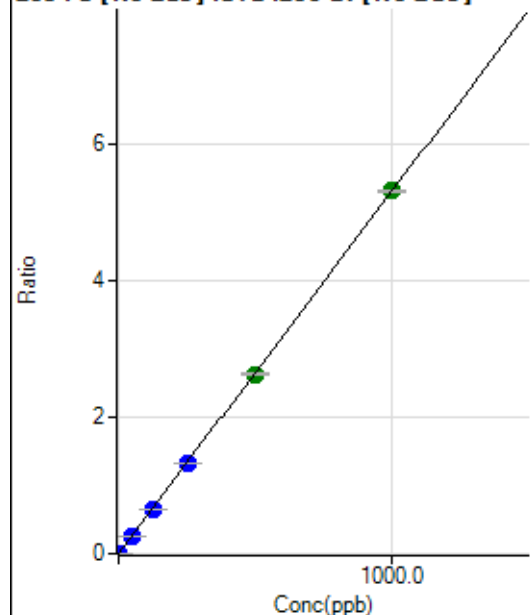
$$DL = 0.0293$$

$$BEC = 0.09816$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3348.42     | 0.0005 | P        | 3.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.920      | 35584.38    | 0.0054 | P        | 0.1 |
| 4 | <input type="checkbox"/> | 50.000   | 48.904     | 1727374.04  | 0.2594 | P        | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 123.495    | 4337040.44  | 0.6542 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 248.616    | 8736306.14  | 1.3165 | P        | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 496.218    | 17047342.01 | 2.6271 | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.480   | 33639492.02 | 5.3070 | A        | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 65583.37    | 0.0117 | P        | 3.4 |

$$y = 0.0053 * x + 4.9962E-004$$

$$R = 1.0000$$

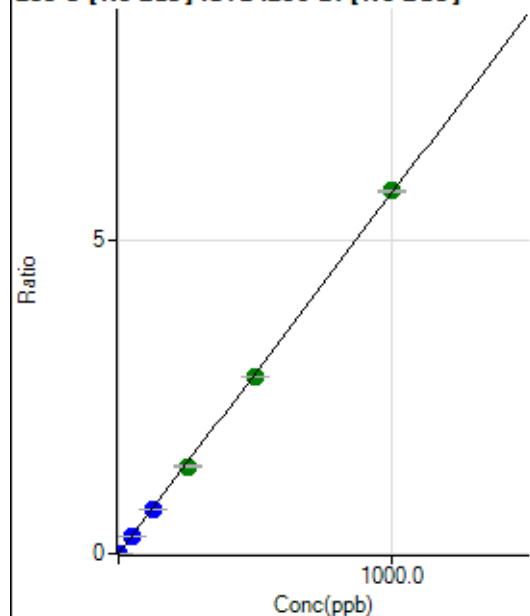
$$DL = 0.008374$$

$$BEC = 0.09439$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 508.37      | 0.0001 | P        | 2.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 36053.97    | 0.0054 | P        | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 47.190     | 1807661.02  | 0.2714 | P        | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 121.109    | 4617191.86  | 0.6964 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 242.152    | 9239677.03  | 1.3924 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 491.484    | 18338700.93 | 2.8261 | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.847   | 36697268.18 | 5.7894 | A        | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 8038.94     | 0.0014 | P        | 2.6 |

$$y = 0.0057 * x + 7.5852E-005$$

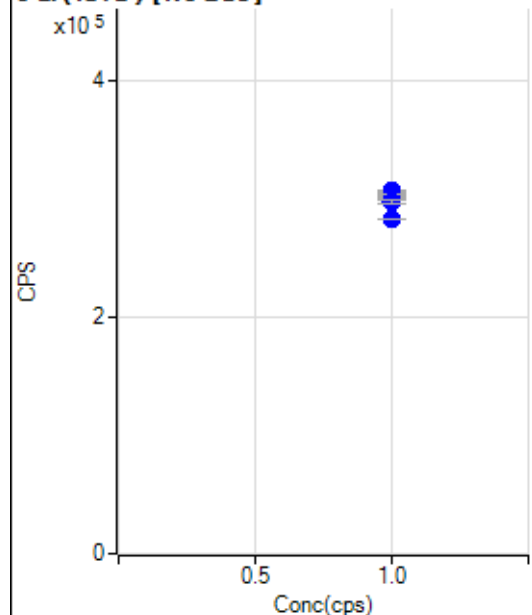
$$R = 0.9999$$

$$DL = 0.001072$$

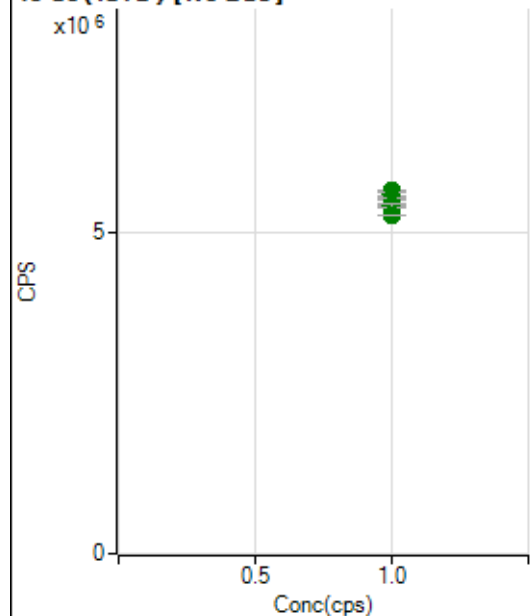
$$BEC = 0.01319$$

Weight: &lt;None&gt;

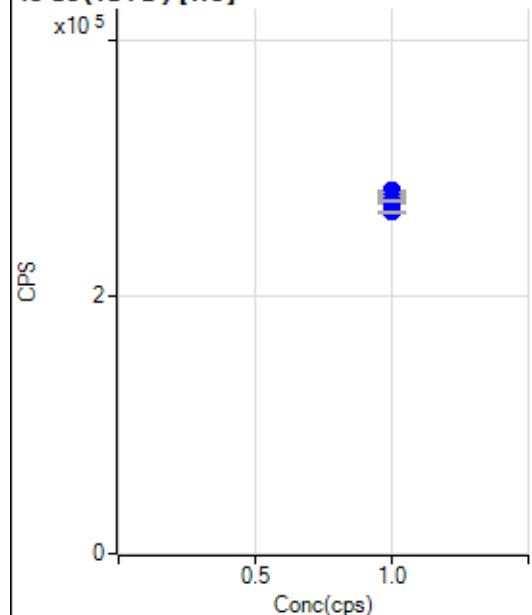
Min Conc: 0

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

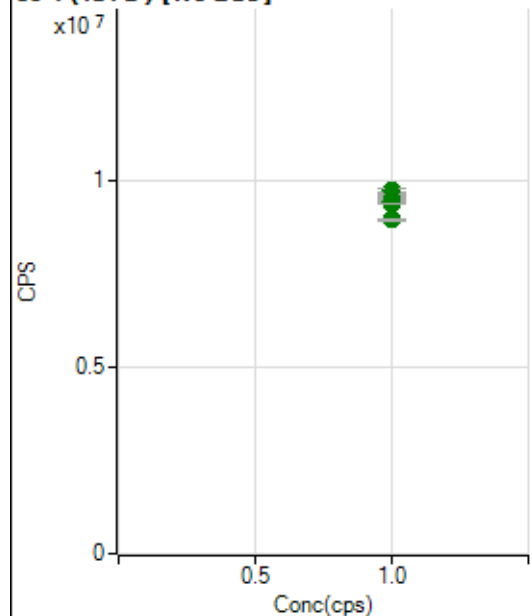
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 299678.54 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 304227.04 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 303074.43 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 306336.33 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 306014.90 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 303969.35 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 296999.81 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 282158.55 |       | P        | 0.1 |

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

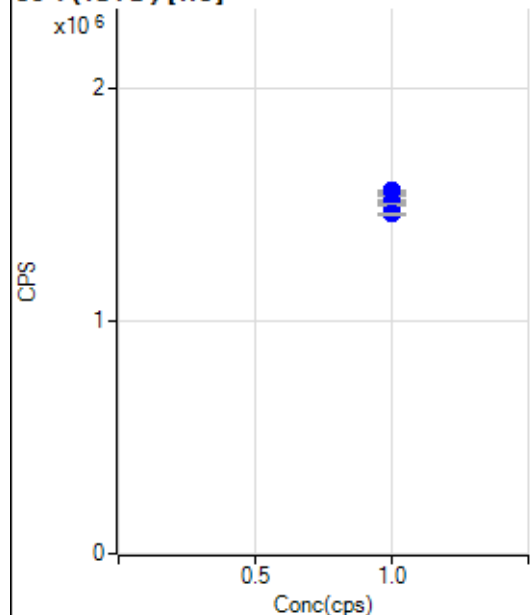
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5642397.05 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5629115.58 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5595495.35 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5519600.08 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5533638.54 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5426569.05 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5413688.88 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5266745.52 |       | A        | 0.3 |

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

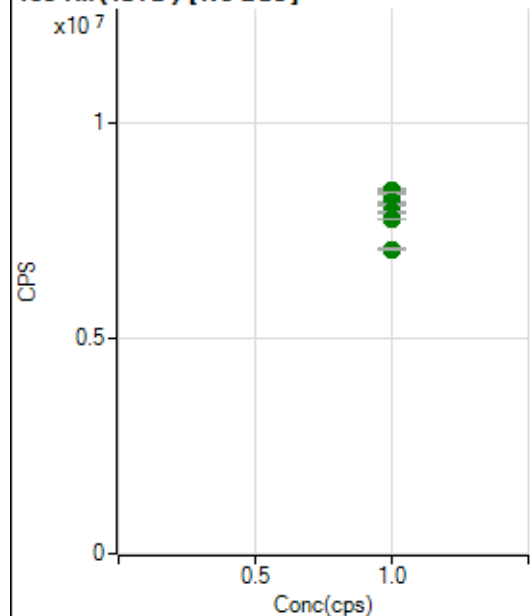
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 282607.95 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 280655.37 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 277765.51 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 273437.17 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 273537.15 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 272601.29 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 274339.94 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 265999.01 |       | P        | 0.5 |

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

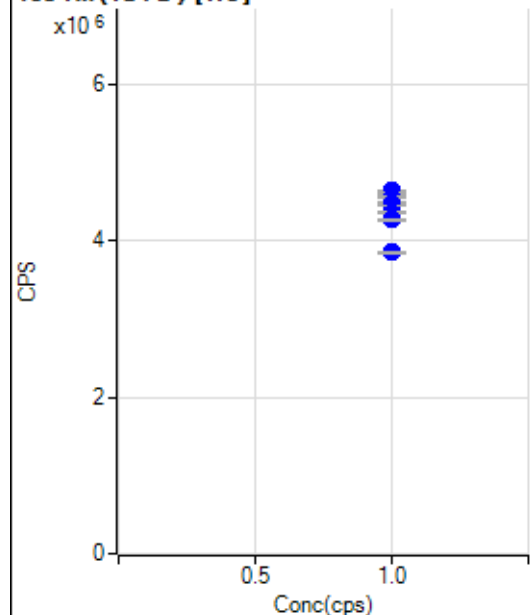
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9683075.20 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9715676.59 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9609114.02 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9420101.46 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9488460.90 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9410141.74 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9362989.10 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8943903.96 |       | A        | 0.7 |

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

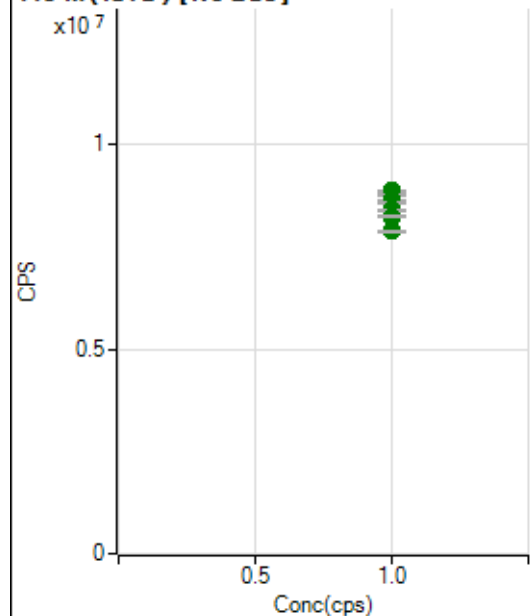
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1561502.55 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1552865.67 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1540406.37 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1518062.86 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1517275.10 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1506374.82 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1501253.21 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1461179.67 |       | P        | 1.0 |

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

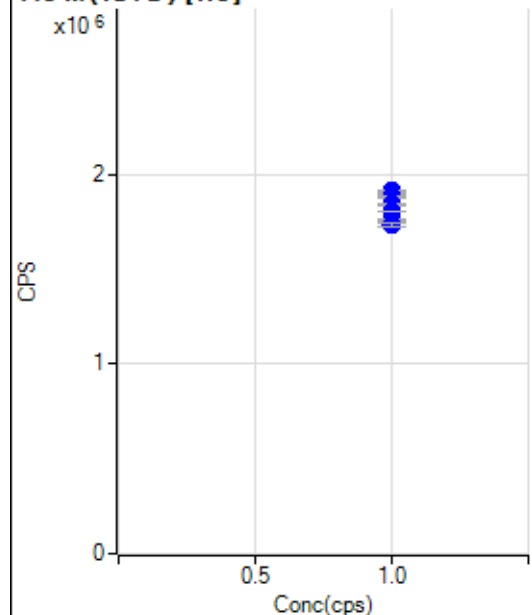
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8415355.74 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8408503.05 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8370109.73 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8159369.54 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8093533.43 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7917717.97 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7750447.92 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7069759.79 |       | A        | 0.6 |

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

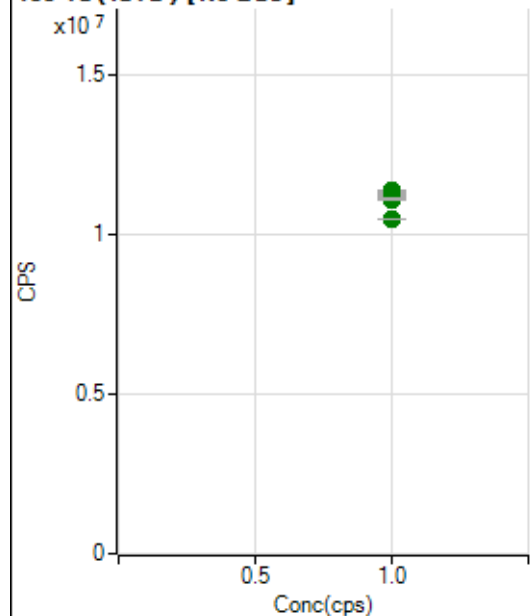
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4634755.17 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4598047.26 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4555659.20 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4482573.93 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4441446.70 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4359853.44 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4269225.87 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3852358.34 |       | P        | 0.5 |

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

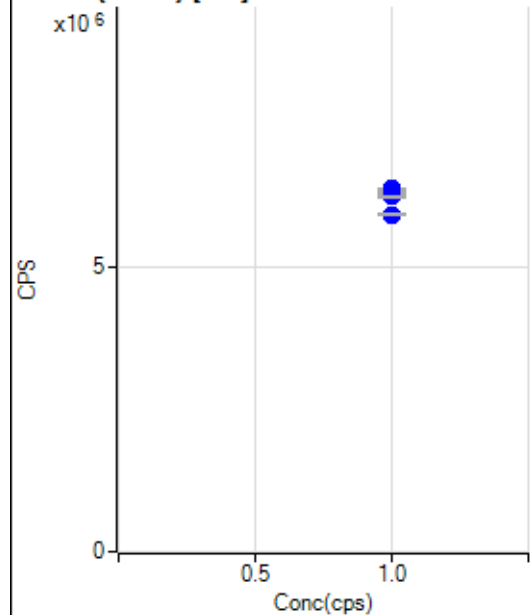
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8869094.76 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8793470.81 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8777987.07 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8627570.74 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8577211.20 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8393074.23 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8245066.89 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7884174.98 |       | A        | 0.3 |

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

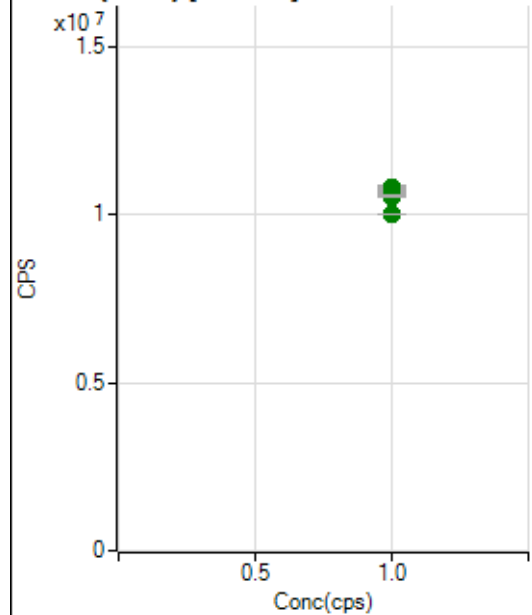
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1914344.32 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1890973.08 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1881983.72 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1844454.89 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1838496.39 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1805975.65 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1759591.08 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1736691.54 |       | P        | 1.2 |

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

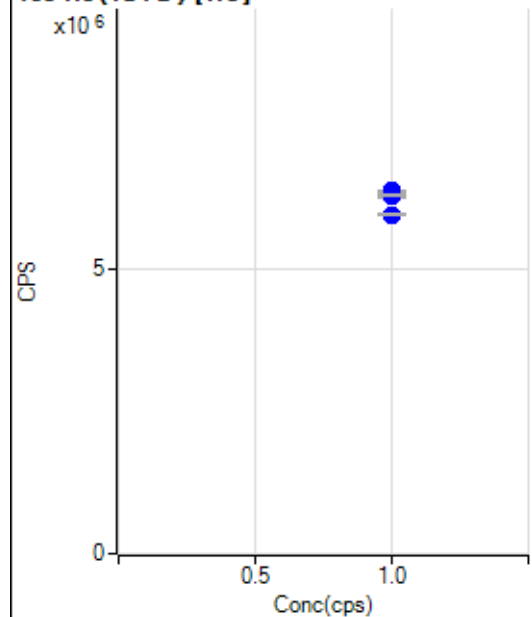
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11386670.39 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11319299.97 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11288743.30 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11250983.17 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11226772.75 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11122147.89 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11145475.39 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10499161.44 |       | A        | 0.3 |

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

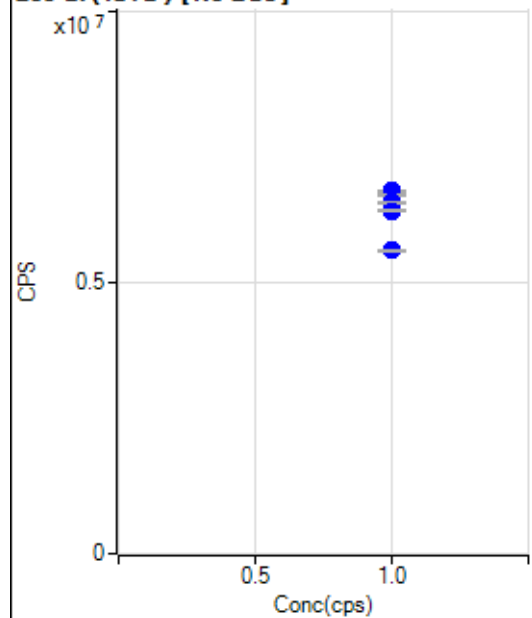
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6356626.50 |       | M        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6333337.26 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6381289.14 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6294478.86 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6326013.31 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6295658.03 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6242540.47 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5930690.74 |       | P        | 0.7 |

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

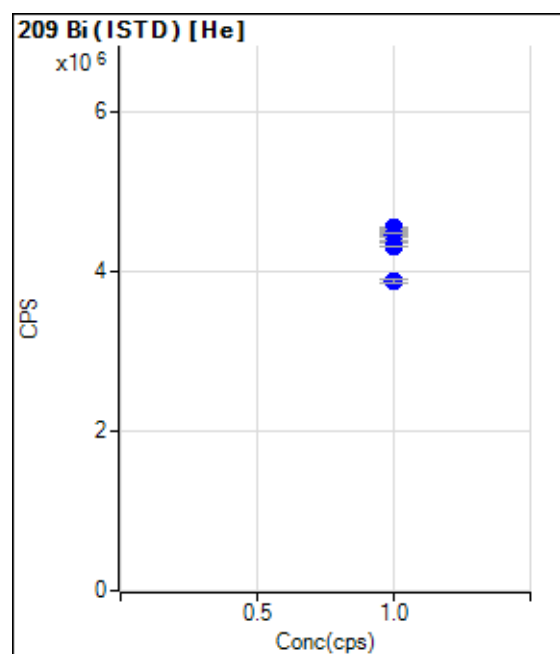
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10782237.57 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10698785.22 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10771847.64 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10664574.89 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10645910.05 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10560146.51 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10536870.11 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9997761.42  |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6357710.05 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6324595.39 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6345522.82 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6271529.70 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6309985.39 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6260830.32 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6285954.91 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5940902.20 |       | P        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6701934.06 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6625826.50 |       | P        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6660067.26 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6629579.97 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6635924.27 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6489063.72 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6338766.85 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5604568.95 |       | P        | 0.6 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4542820.66 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4518748.23 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4527516.32 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4451621.63 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4455175.73 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4362436.12 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4308225.66 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3868613.14 |       | P        | 1.2 |

US EPA Tune Check Sample Report

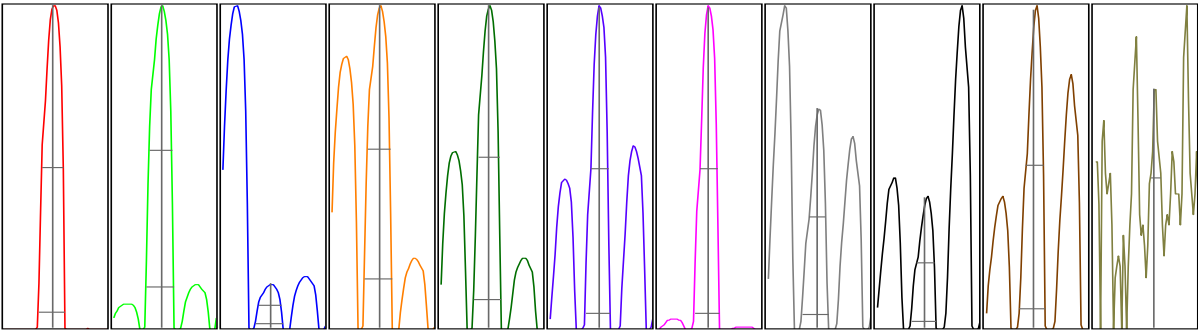
Batch Folder D:\ICP-MS Data\P7020217-MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 31486           | 1.20             | 5.00               |                |
| 24   | 7291828         | 0.65             | 5.00               |                |
| 25   | 1023633         | 0.64             | 5.00               |                |
| 26   | 1189155         | 0.72             | 5.00               |                |
| 59   | 785406          | 0.80             | 5.00               |                |
| 113  | 162099          | 0.71             | 5.00               |                |
| 115  | 2882871         | 1.11             | 5.00               |                |
| 206  | 237241          | 1.05             | 5.00               |                |
| 207  | 208766          | 0.89             | 5.00               |                |
| 208  | 505782          | 1.02             | 5.00               |                |
| 220  | 7               | 25.33            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 30832                | 31632                | 31686                | 31516                | 31765                |
| 24   | 7236211              | 7271313              | 7284101              | 7302587              | 7364928              |
| 25   | 1013198              | 1024022              | 1023870              | 1025738              | 1031338              |
| 26   | 1178726              | 1189743              | 1184839              | 1190626              | 1201840              |
| 59   | 780588               | 783642               | 779892               | 787620               | 795287               |
| 113  | 161606               | 160813               | 161627               | 162658               | 163791               |
| 115  | 2855585              | 2846578              | 2883293              | 2911860              | 2917037              |
| 206  | 233570               | 235968               | 238023               | 239675               | 238967               |
| 207  | 205740               | 208507               | 209233               | 209803               | 210545               |
| 208  | 499488               | 501270               | 508142               | 508355               | 511655               |
| 220  | 8                    | 9                    | 4                    | 8                    | 8                    |

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    | 5402           | 8.95             | 8.9 - 9.1          |                | 0.778                | 0.900                  |                        |
| 24   | 1174351        | 23.95            | 23.9 - 24.1        |                | 0.803                | 0.900                  |                        |
| 25   | 163411         | 24.95            | 24.9 - 25.1        |                | 0.796                | 0.900                  |                        |
| 26   | 193617         | 25.95            | 25.9 - 26.1        |                | 0.795                | 0.900                  |                        |
| 59   | 135045         | 58.95            | 58.9 - 59.1        |                | 0.797                | 0.900                  |                        |
| 113  | 31737          | 113.00           | 112.9 - 113.1      |                | 0.731                | 0.900                  |                        |
| 115  | 559602         | 115.00           | 114.9 - 115.1      |                | 0.735                | 0.900                  |                        |
| 206  | 47816          | 206.00           | 205.9 - 206.1      |                | 0.770                | 0.900                  |                        |
| 207  | 41183          | 206.95           | 206.9 - 207.1      |                | 0.731                | 0.900                  |                        |
| 208  | 100594         | 207.95           | 207.9 - 208.1      |                | 0.738                | 0.900                  |                        |
| 220  | 1              | 220.30           | -                  |                |                      |                        |                        |

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    | 7.5   | V    |               |       |      |
| Extract 2     | -200.0 | V    | Cell Entrance | -30   | V    |               |       |      |
| Omega Bias    | -85    | V    | Cell Exit     | -50   | V    |               |       |      |
| Deflect       | 14.4   | 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       | 180   | V    |               |       |      |
| Energy Discrimination | 5.0   | V      |               |       |      |               |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 238372          | 0.18             |                    |
| 89   | 14640           | 0.47             |                    |
| 205  | 240205          | 0.50             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 238408               | 239087               | 238260               | 237926               | 238181               |
| 89   | 14687                | 14712                | 14666                | 14580                | 14557                |
| 205  | 239266               | 241144               | 241331               | 238631               | 240651               |

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    | 7.7   | V    |               |       |      |
| Extract 2     | -200.0 | V    | Cell Entrance | -40   | V    |               |       |      |
| Omega Bias    | -85    | V    | Cell Exit     | -60   | V    |               |       |      |
| Deflect       | 2.8    | 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 :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.08    | -0.45   | 0.37    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.02    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 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  | 0.06    | -0.12   | 0.06    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.02   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.29   | 0.75    | -0.46   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.04    | -0.02   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.05    | -0.03   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -2.57   | 0.76    | 1.81    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.65    | 0.23    | -0.88   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | -0.01   | 0.00    | 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    | 165-2 |         |         |         | 100        |         | %     |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.02    | 0.01    | -0.03   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.10   | 0.08    | 0.02    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.08   | -0.02   | 0.10    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 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    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -8.18   | -15.32  | -13.98  | -12.50     |         | ppb   |
| Potassium  | 39-2  | 0.54    | 0.21    | -0.75   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -0.27   | 0.13    | 0.13    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.23   | -0.19   | 0.42    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.38   | -0.08   | 0.46    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.06    | -0.08   | 0.02    | 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  | 0.75    | -0.80   | 0.04    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -72.49  | 55.17   | -20.73  | -12.68     |         | 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 | 0.00    | 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  | 0.01    | 0.00    | -0.01   | 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    | 89-2  |         |         |         | 100        |         | %     |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.61   | 19.73   | 16.81   | 18.05      | 8.36    | ppb   |
| Antimony   | 121-1 | 1.83    | 1.75    | 1.87    | 1.82       | 3.32    | ppb   |
| Arsenic    | 75-2  | 1.02    | 1.04    | 0.94    | 1.00       | 5.37    | ppb   |
| Barium     | 135-1 | 9.40    | 9.11    | 9.30    | 9.27       | 1.55    | ppb   |
| Barium     | 137-1 | 9.30    | 9.28    | 9.76    | 9.45       | 2.90    | ppb   |
| Beryllium  | 9-1   | 0.96    | 1.03    | 0.98    | 0.99       | 3.63    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 26.09   | 23.87   | 22.86   | 24.27      | 6.80    | ppb   |
| Boron      | 11-1  | 23.34   | 24.58   | 23.17   | 23.70      | 3.25    | ppb   |
| Cadmium    | 106-1 | 1.30    | 1.00    | 1.71    | 1.34       | 26.71   | ppb   |
| Cadmium    | 108-1 | 1.13    | 0.93    | 1.03    | 1.03       | 9.51    | ppb   |
| Cadmium    | 111-1 | 0.93    | 0.98    | 1.05    | 0.99       | 5.85    | ppb   |
| Calcium    | 43-1  | 454.82  | 462.17  | 458.13  | 458.37     | 0.80    | ppb   |
| Calcium    | 44-1  | 457.42  | 458.66  | 456.28  | 457.45     | 0.26    | ppb   |
| Chromium   | 52-2  | 1.98    | 2.01    | 2.00    | 2.00       | 0.68    | ppb   |
| Cobalt     | 59-2  | 0.95    | 0.96    | 0.97    | 0.96       | 0.78    | ppb   |
| Copper     | 63-2  | 2.00    | 1.95    | 1.97    | 1.97       | 1.28    | 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 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 46.66   | 46.89   | 46.60   | 46.72      | 0.33    | ppb   |
| Iron       | 57-2  | 42.61   | 47.18   | 47.13   | 45.64      | 5.75    | ppb   |
| Lead       | 206-1 | 0.92    | 0.94    | 0.90    | 0.92       | 2.18    | ppb   |
| Lead       | 207-1 | 0.92    | 0.88    | 0.93    | 0.91       | 2.91    | ppb   |
| Lead       | 208-1 | 0.92    | 0.92    | 0.92    | 0.92       | 0.14    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 490.72  | 485.95  | 485.24  | 487.30     | 0.61    | ppb   |
| Manganese  | 55-2  | 1.00    | 1.00    | 1.02    | 1.01       | 1.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.90    | 1.79    | 1.79    | 1.83       | 3.27    | ppb   |
| Molybdenum | 95-1  | 4.58    | 4.29    | 4.49    | 4.45       | 3.33    | ppb   |
| Molybdenum | 96-1  | 3.93    | 3.72    | 3.69    | 3.78       | 3.46    | ppb   |
| Molybdenum | 97-1  | 4.55    | 4.44    | 4.43    | 4.47       | 1.46    | ppb   |
| Molybdenum | 98-1  | 4.49    | 4.29    | 4.29    | 4.36       | 2.75    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.08    | 0.98    | 1.03    | 1.03       | 4.78    | ppb   |
| Phosphorus | 31-2  | 7.53    | 14.27   | 15.69   | 12.50      | 34.87   | ppb   |
| Potassium  | 39-2  | 466.55  | 464.32  | 464.53  | 465.13     | 0.27    | ppb   |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 5.86    | 5.38    | 4.59    | 5.28       | 12.10   | ppb   |
| Selenium   | 78-2  | 5.02    | 4.18    | 5.36    | 4.86       | 12.50   | ppb   |
| Selenium   | 82-1  | 5.55    | 4.62    | 4.63    | 4.93       | 10.82   | ppb   |
| Silicon    | 28-1  | 4.93    | 5.42    | 5.67    | 5.34       | 7.08    | ppb   |
| Silver     | 107-1 | 1.20    | 1.30    | 1.29    | 1.26       | 4.27    | ppb   |
| Silver     | 109-1 | 1.21    | 1.21    | 1.28    | 1.23       | 3.32    | ppb   |
| Sodium     | 23-2  | 490.60  | 485.95  | 495.96  | 490.83     | 1.02    | ppb   |
| Strontium  | 86-1  | 0.83    | 0.81    | 0.84    | 0.83       | 1.76    | ppb   |
| Strontium  | 88-1  | 0.88    | 0.89    | 0.90    | 0.89       | 0.92    | ppb   |
| Sulfur     | 34-1  | -38.89  | 40.90   | 36.04   | 12.68      | 352.71  | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.89    | 0.89    | 0.90    | 0.89       | 0.89    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.93    | 0.92    | 0.94       | 1.74    | ppb   |
| Tin        | 118-1 | 4.53    | 4.66    | 4.60    | 4.59       | 1.44    | ppb   |
| Titanium   | 47-1  | 4.38    | 4.58    | 4.47    | 4.48       | 2.25    | ppb   |
| Uranium    | 238-1 | 0.93    | 0.94    | 0.94    | 0.93       | 0.57    | ppb   |
| Vanadium   | 51-2  | 4.51    | 4.56    | 4.64    | 4.57       | 1.45    | ppb   |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 2.11    | 2.07    | 2.18    | 2.12       | 2.74    | ppb   |
| Zirconium  | 90-1  | 0.73    | 0.71    | 0.64    | 0.69       | 6.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.74    | 0.66    | 0.69    | 0.70       | 6.04    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:28:42 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 969.42  | 986.86  | 963.34  | 973.21     | 1.25    | ppb   |
| Antimony   | 121-1 | 46.13   | 46.12   | 44.93   | 45.73      | 1.51    | ppb   |
| Arsenic    | 75-2  | 48.28   | 49.61   | 49.86   | 49.25      | 1.72    | ppb   |
| Barium     | 135-1 | 248.11  | 252.55  | 246.37  | 249.01     | 1.28    | ppb   |
| Barium     | 137-1 | 249.80  | 253.82  | 250.81  | 251.47     | 0.83    | ppb   |
| Beryllium  | 9-1   | 51.47   | 52.62   | 52.25   | 52.11      | 1.12    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 48.36   | 51.53   | 49.56   | 49.82      | 3.21    | ppb   |
| Boron      | 11-1  | 49.16   | 50.69   | 50.63   | 50.16      | 1.72    | ppb   |
| Cadmium    | 106-1 | 50.97   | 51.66   | 49.91   | 50.85      | 1.73    | ppb   |
| Cadmium    | 108-1 | 49.79   | 52.46   | 52.02   | 51.42      | 2.79    | ppb   |
| Cadmium    | 111-1 | 51.30   | 51.92   | 51.47   | 51.56      | 0.63    | ppb   |
| Calcium    | 43-1  | 4823.67 | 4909.10 | 4886.17 | 4872.98    | 0.91    | ppb   |
| Calcium    | 44-1  | 4862.62 | 4914.05 | 4910.72 | 4895.80    | 0.59    | ppb   |
| Chromium   | 52-2  | 50.43   | 51.03   | 50.14   | 50.53      | 0.90    | ppb   |
| Cobalt     | 59-2  | 51.59   | 51.40   | 51.94   | 51.64      | 0.54    | ppb   |
| Copper     | 63-2  | 104.15  | 104.12  | 103.78  | 104.02     | 0.20    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2507.98 | 2495.29 | 2507.42 | 2503.56    | 0.29    | ppb   |
| Iron       | 57-2  | 2449.54 | 2447.83 | 2456.24 | 2451.20    | 0.18    | ppb   |
| Lead       | 206-1 | 49.03   | 49.04   | 48.93   | 49.00      | 0.12    | ppb   |
| Lead       | 207-1 | 48.74   | 48.75   | 48.67   | 48.72      | 0.09    | ppb   |
| Lead       | 208-1 | 48.98   | 48.92   | 48.80   | 48.90      | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 5097.25 | 5107.54 | 5063.70 | 5089.50    | 0.45    | ppb   |
| Manganese  | 55-2  | 101.96  | 100.88  | 102.06  | 101.63     | 0.64    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:28:42 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 48.37   | 47.83   | 47.58   | 47.93      | 0.84    | ppb   |
| Molybdenum | 95-1  | 48.63   | 47.81   | 47.48   | 47.97      | 1.24    | ppb   |
| Molybdenum | 96-1  | 48.63   | 47.85   | 48.33   | 48.27      | 0.81    | ppb   |
| Molybdenum | 97-1  | 48.53   | 48.28   | 47.78   | 48.20      | 0.79    | ppb   |
| Molybdenum | 98-1  | 47.92   | 47.50   | 47.47   | 47.63      | 0.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.65   | 52.06   | 52.46   | 52.39      | 0.58    | ppb   |
| Phosphorus | 31-2  | 1032.83 | 959.54  | 979.48  | 990.62     | 3.83    | ppb   |
| Potassium  | 39-2  | 2511.97 | 2473.10 | 2479.68 | 2488.25    | 0.84    | ppb   |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 42.58   | 52.63   | 44.25   | 46.49      | 11.58   | ppb   |
| Selenium   | 78-2  | 49.56   | 50.23   | 46.62   | 48.80      | 3.94    | ppb   |
| Selenium   | 82-1  | 50.27   | 49.65   | 49.15   | 49.69      | 1.13    | ppb   |
| Silicon    | 28-1  | 60.43   | 61.87   | 63.69   | 61.99      | 2.64    | ppb   |
| Silver     | 109-1 | 50.81   | 51.96   | 51.45   | 51.41      | 1.12    | ppb   |
| Silver     | 107-1 | 51.59   | 52.40   | 51.47   | 51.82      | 0.97    | ppb   |
| Sodium     | 23-2  | 5282.30 | 5256.74 | 5285.72 | 5274.92    | 0.30    | ppb   |
| Strontium  | 86-1  | 49.71   | 49.52   | 49.43   | 49.55      | 0.28    | ppb   |
| Strontium  | 88-1  | 50.44   | 50.54   | 50.61   | 50.53      | 0.17    | ppb   |
| Sulfur     | 34-1  | 782.93  | 953.56  | 882.97  | 873.15     | 9.82    | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 48.27   | 47.76   | 47.59   | 47.87      | 0.75    | ppb   |
| Thallium   | 205-1 | 49.15   | 49.17   | 49.13   | 49.15      | 0.03    | ppb   |
| Tin        | 118-1 | 49.01   | 49.64   | 49.07   | 49.24      | 0.71    | ppb   |
| Titanium   | 47-1  | 49.26   | 49.13   | 50.63   | 49.68      | 1.67    | ppb   |
| Uranium    | 238-1 | 46.89   | 47.76   | 46.91   | 47.19      | 1.05    | ppb   |
| Vanadium   | 51-2  | 49.24   | 50.04   | 49.28   | 49.52      | 0.90    | ppb   |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 105.49  | 104.33  | 103.81  | 104.54     | 0.82    | ppb   |
| Zirconium  | 90-1  | 48.68   | 48.80   | 48.52   | 48.66      | 0.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:28:42 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.34   | 48.41   | 48.39   | 48.38      | 0.07    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:32:43 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2478.05  | 2450.07  | 2444.57  | 2457.56    | 0.73    | ppb   |
| Antimony   | 121-1 | 114.42   | 114.51   | 114.47   | 114.47     | 0.04    | ppb   |
| Arsenic    | 75-2  | 124.45   | 125.10   | 125.42   | 124.99     | 0.39    | ppb   |
| Barium     | 135-1 | 624.27   | 624.34   | 627.42   | 625.35     | 0.29    | ppb   |
| Barium     | 137-1 | 630.84   | 634.78   | 636.79   | 634.14     | 0.48    | ppb   |
| Beryllium  | 9-1   | 127.67   | 124.99   | 127.35   | 126.67     | 1.16    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 121.14   | 123.10   | 130.32   | 124.86     | 3.87    | ppb   |
| Boron      | 11-1  | 121.76   | 122.73   | 125.93   | 123.47     | 1.77    | ppb   |
| Cadmium    | 106-1 | 124.79   | 129.79   | 128.34   | 127.64     | 2.02    | ppb   |
| Cadmium    | 108-1 | 128.45   | 126.94   | 130.12   | 128.50     | 1.24    | ppb   |
| Cadmium    | 111-1 | 126.57   | 129.53   | 130.50   | 128.87     | 1.59    | ppb   |
| Calcium    | 43-1  | 12392.17 | 12230.06 | 12204.59 | 12275.61   | 0.83    | ppb   |
| Calcium    | 44-1  | 12269.91 | 12222.06 | 12155.30 | 12215.76   | 0.47    | ppb   |
| Chromium   | 52-2  | 127.57   | 127.51   | 128.27   | 127.78     | 0.33    | ppb   |
| Cobalt     | 59-2  | 131.28   | 130.20   | 130.61   | 130.70     | 0.42    | ppb   |
| Copper     | 63-2  | 263.06   | 262.68   | 262.94   | 262.89     | 0.07    | 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 |          |          |          | 99         |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 6279.95  | 6273.56  | 6283.40  | 6278.97    | 0.08    | ppb   |
| Iron       | 57-2  | 6117.54  | 6125.35  | 6194.15  | 6145.68    | 0.69    | ppb   |
| Lead       | 206-1 | 123.82   | 124.01   | 124.76   | 124.20     | 0.40    | ppb   |
| Lead       | 207-1 | 122.78   | 123.56   | 121.27   | 122.54     | 0.95    | ppb   |
| Lead       | 208-1 | 123.44   | 123.90   | 123.14   | 123.49     | 0.31    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 13071.56 | 12876.41 | 12974.14 | 12974.04   | 0.75    | ppb   |
| Manganese  | 55-2  | 255.19   | 255.07   | 255.14   | 255.14     | 0.02    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:32:43 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 123.84   | 124.63   | 125.25   | 124.57     | 0.57    | ppb   |
| Molybdenum | 95-1  | 123.89   | 124.67   | 124.07   | 124.21     | 0.33    | ppb   |
| Molybdenum | 96-1  | 124.48   | 124.73   | 124.67   | 124.63     | 0.10    | ppb   |
| Molybdenum | 97-1  | 124.78   | 124.16   | 125.06   | 124.67     | 0.37    | ppb   |
| Molybdenum | 98-1  | 123.05   | 123.35   | 123.94   | 123.45     | 0.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.74   | 130.77   | 132.25   | 131.59     | 0.57    | ppb   |
| Phosphorus | 31-2  | 2455.36  | 2508.16  | 2497.83  | 2487.11    | 1.13    | ppb   |
| Potassium  | 39-2  | 6315.29  | 6272.50  | 6319.13  | 6302.31    | 0.41    | ppb   |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 121.24   | 115.70   | 112.44   | 116.46     | 3.82    | ppb   |
| Selenium   | 78-2  | 124.77   | 123.07   | 126.70   | 124.85     | 1.46    | ppb   |
| Selenium   | 82-1  | 125.68   | 127.25   | 127.93   | 126.95     | 0.91    | ppb   |
| Silicon    | 28-1  | 158.92   | 157.73   | 157.94   | 158.20     | 0.40    | ppb   |
| Silver     | 109-1 | 127.55   | 128.73   | 129.15   | 128.48     | 0.65    | ppb   |
| Silver     | 107-1 | 128.47   | 129.32   | 128.75   | 128.84     | 0.33    | ppb   |
| Sodium     | 23-2  | 13256.21 | 13085.85 | 13061.11 | 13134.39   | 0.81    | ppb   |
| Strontium  | 86-1  | 123.22   | 125.09   | 126.18   | 124.83     | 1.20    | ppb   |
| Strontium  | 88-1  | 127.75   | 129.05   | 129.53   | 128.78     | 0.71    | ppb   |
| Sulfur     | 34-1  | 2212.89  | 2177.19  | 2154.23  | 2181.44    | 1.35    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 120.61   | 120.24   | 120.46   | 120.44     | 0.15    | ppb   |
| Thallium   | 205-1 | 124.42   | 125.30   | 124.12   | 124.61     | 0.49    | ppb   |
| Tin        | 118-1 | 123.08   | 124.00   | 124.87   | 123.98     | 0.72    | ppb   |
| Titanium   | 47-1  | 123.37   | 125.27   | 123.80   | 124.15     | 0.80    | ppb   |
| Uranium    | 238-1 | 120.72   | 121.15   | 121.45   | 121.11     | 0.30    | ppb   |
| Vanadium   | 51-2  | 124.94   | 124.85   | 125.95   | 125.25     | 0.49    | ppb   |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 263.46   | 261.87   | 262.47   | 262.60     | 0.31    | ppb   |
| Zirconium  | 90-1  | 124.25   | 126.03   | 127.00   | 125.76     | 1.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:32:43 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 124.58  | 124.90  | 125.98  | 125.15     | 0.59    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4922.32  | 4928.10  | 4893.23  | 4914.55    | 0.38    | ppb   |
| Antimony   | 121-1 | 243.98   | 243.48   | 242.71   | 243.39     | 0.26    | ppb   |
| Arsenic    | 75-2  | 248.23   | 249.39   | 248.18   | 248.60     | 0.28    | ppb   |
| Barium     | 135-1 | 1268.07  | 1262.80  | 1276.25  | 1269.04    | 0.53    | ppb   |
| Barium     | 137-1 | 1262.03  | 1288.66  | 1267.19  | 1272.63    | 1.11    | ppb   |
| Beryllium  | 9-1   | 254.97   | 255.27   | 253.01   | 254.41     | 0.48    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 243.21   | 247.81   | 254.65   | 248.55     | 2.32    | ppb   |
| Boron      | 11-1  | 242.44   | 248.26   | 249.71   | 246.80     | 1.56    | ppb   |
| Cadmium    | 106-1 | 251.93   | 257.22   | 259.38   | 256.18     | 1.50    | ppb   |
| Cadmium    | 108-1 | 254.16   | 258.58   | 264.02   | 258.92     | 1.91    | ppb   |
| Cadmium    | 111-1 | 255.34   | 258.64   | 258.57   | 257.51     | 0.73    | ppb   |
| Calcium    | 43-1  | 24475.48 | 24563.55 | 24542.72 | 24527.25   | 0.19    | ppb   |
| Calcium    | 44-1  | 24210.54 | 24216.45 | 24375.99 | 24267.66   | 0.39    | ppb   |
| Chromium   | 52-2  | 254.55   | 255.99   | 252.64   | 254.39     | 0.66    | ppb   |
| Cobalt     | 59-2  | 259.25   | 259.04   | 260.01   | 259.43     | 0.20    | ppb   |
| Copper     | 63-2  | 522.23   | 522.34   | 520.32   | 521.63     | 0.22    | 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 |          |          |          | 99         |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 12510.50 | 12550.98 | 12526.83 | 12529.44   | 0.16    | ppb   |
| Iron       | 57-2  | 12245.35 | 12287.65 | 12246.22 | 12259.74   | 0.20    | ppb   |
| Lead       | 206-1 | 248.59   | 248.97   | 250.08   | 249.21     | 0.31    | ppb   |
| Lead       | 207-1 | 246.68   | 247.00   | 247.13   | 246.93     | 0.09    | ppb   |
| Lead       | 208-1 | 248.18   | 248.66   | 249.01   | 248.62     | 0.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 25610.91 | 25462.56 | 25221.01 | 25431.49   | 0.77    | ppb   |
| Manganese  | 55-2  | 508.49   | 508.82   | 507.66   | 508.32     | 0.12    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 249.50   | 247.13   | 249.04   | 248.56     | 0.51    | ppb   |
| Molybdenum | 95-1  | 251.52   | 246.84   | 249.19   | 249.18     | 0.94    | ppb   |
| Molybdenum | 96-1  | 251.93   | 246.36   | 249.76   | 249.35     | 1.13    | ppb   |
| Molybdenum | 97-1  | 250.70   | 246.70   | 248.67   | 248.69     | 0.80    | ppb   |
| Molybdenum | 98-1  | 248.94   | 243.52   | 247.28   | 246.58     | 1.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 258.66   | 259.24   | 260.24   | 259.38     | 0.31    | ppb   |
| Phosphorus | 31-2  | 5128.16  | 5024.58  | 4959.82  | 5037.52    | 1.69    | ppb   |
| Potassium  | 39-2  | 12632.75 | 12679.79 | 12594.47 | 12635.67   | 0.34    | ppb   |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 239.96   | 248.77   | 251.86   | 246.86     | 2.50    | ppb   |
| Selenium   | 78-2  | 248.71   | 252.37   | 252.84   | 251.31     | 0.90    | ppb   |
| Selenium   | 82-1  | 255.23   | 252.30   | 255.14   | 254.23     | 0.66    | ppb   |
| Silicon    | 28-1  | 315.26   | 312.96   | 312.84   | 313.69     | 0.43    | ppb   |
| Silver     | 109-1 | 256.32   | 257.44   | 258.45   | 257.40     | 0.41    | ppb   |
| Silver     | 107-1 | 256.74   | 259.44   | 259.52   | 258.56     | 0.61    | ppb   |
| Sodium     | 23-2  | 26241.85 | 26237.73 | 26118.49 | 26199.36   | 0.27    | ppb   |
| Strontium  | 86-1  | 250.83   | 248.83   | 250.34   | 250.00     | 0.42    | ppb   |
| Strontium  | 88-1  | 252.60   | 247.40   | 253.10   | 251.03     | 1.26    | ppb   |
| Sulfur     | 34-1  | 4664.57  | 4662.49  | 4458.08  | 4595.05    | 2.58    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 244.48   | 244.61   | 244.14   | 244.41     | 0.10    | ppb   |
| Thallium   | 205-1 | 252.86   | 252.21   | 251.40   | 252.16     | 0.29    | ppb   |
| Tin        | 118-1 | 250.66   | 252.14   | 250.44   | 251.08     | 0.37    | ppb   |
| Titanium   | 47-1  | 247.35   | 247.25   | 250.35   | 248.32     | 0.71    | ppb   |
| Uranium    | 238-1 | 244.92   | 241.60   | 239.93   | 242.15     | 1.05    | ppb   |
| Vanadium   | 51-2  | 251.35   | 252.49   | 249.47   | 251.10     | 0.61    | ppb   |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 520.69   | 520.30   | 516.76   | 519.25     | 0.42    | ppb   |
| Zirconium  | 90-1  | 254.97   | 250.03   | 252.45   | 252.49     | 0.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 250.64  | 246.51  | 248.64  | 248.60     | 0.83    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:40:12 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9790.35  | 9714.85  | 9751.25  | 9752.15    | 0.39    | ppb   |
| Antimony   | 121-1 | 499.39   | 493.34   | 494.24   | 495.66     | 0.66    | ppb   |
| Arsenic    | 75-2  | 502.20   | 494.84   | 496.86   | 497.97     | 0.76    | ppb   |
| Barium     | 135-1 | 2523.50  | 2493.61  | 2495.18  | 2504.09    | 0.67    | ppb   |
| Barium     | 137-1 | 2512.06  | 2510.88  | 2487.02  | 2503.32    | 0.56    | ppb   |
| Beryllium  | 9-1   | 492.86   | 498.10   | 495.55   | 495.50     | 0.53    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 481.26   | 495.77   | 502.66   | 493.23     | 2.22    | ppb   |
| Boron      | 11-1  | 484.58   | 490.97   | 499.29   | 491.61     | 1.50    | ppb   |
| Cadmium    | 106-1 | 511.40   | 505.68   | 500.51   | 505.86     | 1.08    | ppb   |
| Cadmium    | 108-1 | 506.85   | 510.18   | 504.16   | 507.06     | 0.59    | ppb   |
| Cadmium    | 111-1 | 506.77   | 505.80   | 507.47   | 506.68     | 0.17    | ppb   |
| Calcium    | 43-1  | 49358.03 | 49328.16 | 49343.30 | 49343.17   | 0.03    | ppb   |
| Calcium    | 44-1  | 49188.13 | 49018.18 | 48728.54 | 48978.28   | 0.47    | ppb   |
| Chromium   | 52-2  | 504.08   | 502.19   | 502.62   | 502.96     | 0.20    | ppb   |
| Cobalt     | 59-2  | 511.11   | 509.70   | 512.54   | 511.12     | 0.28    | ppb   |
| Copper     | 63-2  | 1022.86  | 1024.37  | 1029.11  | 1025.45    | 0.32    | 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 |          |          |          | 98         |         | %     |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 24851.32 | 24493.91 | 24576.11 | 24640.45   | 0.76    | ppb   |
| Iron       | 57-2  | 24231.97 | 24053.81 | 24223.34 | 24169.71   | 0.42    | ppb   |
| Lead       | 206-1 | 504.31   | 503.46   | 503.16   | 503.64     | 0.12    | ppb   |
| Lead       | 207-1 | 499.94   | 492.15   | 494.55   | 495.55     | 0.80    | ppb   |
| Lead       | 208-1 | 500.03   | 494.80   | 493.83   | 496.22     | 0.67    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 50237.97 | 50097.65 | 49879.89 | 50071.84   | 0.36    | ppb   |
| Manganese  | 55-2  | 1010.80  | 1002.72  | 1005.78  | 1006.43    | 0.41    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:40:12 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 498.70   | 495.40   | 498.00   | 497.36     | 0.35    | ppb   |
| Molybdenum | 95-1  | 500.53   | 493.41   | 500.95   | 498.29     | 0.85    | ppb   |
| Molybdenum | 96-1  | 503.28   | 495.53   | 502.79   | 500.54     | 0.87    | ppb   |
| Molybdenum | 97-1  | 501.41   | 493.14   | 500.74   | 498.43     | 0.92    | ppb   |
| Molybdenum | 98-1  | 500.26   | 494.49   | 499.51   | 498.09     | 0.63    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 505.84   | 507.31   | 509.34   | 507.50     | 0.35    | ppb   |
| Phosphorus | 31-2  | 10045.48 | 10180.04 | 10007.84 | 10077.79   | 0.90    | ppb   |
| Potassium  | 39-2  | 24830.22 | 24432.31 | 24478.11 | 24580.22   | 0.89    | ppb   |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 499.45   | 492.88   | 488.85   | 493.73     | 1.08    | ppb   |
| Selenium   | 78-2  | 517.16   | 494.08   | 505.75   | 505.67     | 2.28    | ppb   |
| Selenium   | 82-1  | 505.95   | 495.80   | 499.44   | 500.40     | 1.03    | ppb   |
| Silicon    | 28-1  | 625.19   | 628.40   | 635.37   | 629.66     | 0.83    | ppb   |
| Silver     | 109-1 | 506.08   | 505.29   | 505.53   | 505.63     | 0.08    | ppb   |
| Silver     | 107-1 | 517.27   | 506.07   | 505.45   | 509.59     | 1.31    | ppb   |
| Sodium     | 23-2  | 51793.72 | 51577.63 | 51661.56 | 51677.64   | 0.21    | ppb   |
| Strontium  | 86-1  | 500.17   | 494.13   | 496.54   | 496.95     | 0.61    | ppb   |
| Strontium  | 88-1  | 502.40   | 496.57   | 494.49   | 497.82     | 0.82    | ppb   |
| Sulfur     | 34-1  | 9837.20  | 9835.35  | 9939.42  | 9870.66    | 0.60    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 494.49   | 497.66   | 498.38   | 496.84     | 0.42    | ppb   |
| Thallium   | 205-1 | 497.26   | 496.69   | 495.04   | 496.33     | 0.23    | ppb   |
| Tin        | 118-1 | 499.41   | 499.12   | 504.24   | 500.92     | 0.57    | ppb   |
| Titanium   | 47-1  | 500.45   | 494.94   | 499.43   | 498.28     | 0.59    | ppb   |
| Uranium    | 238-1 | 491.16   | 492.95   | 490.34   | 491.48     | 0.27    | ppb   |
| Vanadium   | 51-2  | 500.61   | 497.24   | 499.70   | 499.18     | 0.35    | ppb   |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 1016.92  | 1010.53  | 1020.48  | 1015.98    | 0.50    | ppb   |
| Zirconium  | 90-1  | 505.33   | 494.47   | 495.70   | 498.50     | 1.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:40:12 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 497.22  | 495.12  | 494.24  | 495.53     | 0.31    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19267.59 | 19406.63 | 19523.66 | 19399.30   | 0.66    | ppb   |
| Antimony   | 121-1 | 1007.06  | 1008.91  | 1000.10  | 1005.35    | 0.46    | ppb   |
| Arsenic    | 75-2  | 1000.75  | 1003.08  | 1000.38  | 1001.40    | 0.15    | ppb   |
| Barium     | 135-1 | 5002.14  | 4994.32  | 4983.14  | 4993.20    | 0.19    | ppb   |
| Barium     | 137-1 | 4976.58  | 5036.84  | 4960.98  | 4991.47    | 0.80    | ppb   |
| Beryllium  | 9-1   | 997.47   | 989.58   | 1015.45  | 1000.83    | 1.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 975.05   | 993.40   | 1042.92  | 1003.79    | 3.50    | ppb   |
| Boron      | 11-1  | 993.59   | 992.55   | 1029.48  | 1005.21    | 2.09    | ppb   |
| Cadmium    | 106-1 | 987.27   | 995.21   | 1002.97  | 995.15     | 0.79    | ppb   |
| Cadmium    | 108-1 | 987.10   | 1000.56  | 993.53   | 993.73     | 0.68    | ppb   |
| Cadmium    | 111-1 | 981.77   | 1000.84  | 1000.04  | 994.22     | 1.08    | ppb   |
| Calcium    | 43-1  | 97740.55 | 99314.30 | 99407.71 | 98820.85   | 0.95    | ppb   |
| Calcium    | 44-1  | 96846.37 | 98372.31 | 97914.74 | 97711.14   | 0.80    | ppb   |
| Chromium   | 52-2  | 999.99   | 989.29   | 1001.86  | 997.05     | 0.68    | ppb   |
| Cobalt     | 59-2  | 988.58   | 985.19   | 1000.09  | 991.29     | 0.79    | ppb   |
| Copper     | 63-2  | 1987.43  | 1966.44  | 1986.30  | 1980.06    | 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    | 165-2 |          |          |          | 99         |         | %     |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 93         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 48610.12 | 48002.07 | 48364.82 | 48325.67   | 0.63    | ppb   |
| Iron       | 57-2  | 48098.68 | 47836.00 | 48491.69 | 48142.13   | 0.69    | ppb   |
| Lead       | 206-1 | 1005.71  | 1004.89  | 984.98   | 998.53     | 1.18    | ppb   |
| Lead       | 207-1 | 999.08   | 1005.96  | 1005.06  | 1003.37    | 0.37    | ppb   |
| Lead       | 208-1 | 1001.05  | 1007.46  | 998.93   | 1002.48    | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 98806.27 | 99312.61 | 99846.79 | 99321.89   | 0.52    | ppb   |
| Manganese  | 55-2  | 1989.13  | 1986.87  | 2005.94  | 1993.98    | 0.52    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 989.19    | 1002.96   | 1013.40   | 1001.85    | 1.21    | ppb   |
| Molybdenum | 95-1  | 991.26    | 1007.64   | 1004.88   | 1001.26    | 0.88    | ppb   |
| Molybdenum | 96-1  | 994.11    | 1004.39   | 1001.60   | 1000.03    | 0.53    | ppb   |
| Molybdenum | 97-1  | 988.04    | 1005.60   | 1010.10   | 1001.25    | 1.16    | ppb   |
| Molybdenum | 98-1  | 999.09    | 1000.86   | 1006.44   | 1002.13    | 0.38    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 990.90    | 987.79    | 1000.20   | 992.96     | 0.65    | ppb   |
| Phosphorus | 31-2  | 19845.31  | 20248.76  | 19767.34  | 19953.81   | 1.29    | ppb   |
| Potassium  | 39-2  | 48628.38  | 48649.07  | 48376.54  | 48551.33   | 0.31    | ppb   |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 998.75    | 1022.16   | 994.57    | 1005.16    | 1.48    | ppb   |
| Selenium   | 78-2  | 993.55    | 989.26    | 1007.95   | 996.92     | 0.98    | ppb   |
| Selenium   | 82-1  | 995.52    | 999.14    | 1000.90   | 998.52     | 0.27    | ppb   |
| Silicon    | 28-1  | 907.44    | 924.14    | 912.06    | 914.55     | 0.94    | ppb   |
| Silver     | 109-1 | 986.91    | 1000.44   | 997.14    | 994.83     | 0.71    | ppb   |
| Silver     | 107-1 | 979.39    | 1003.92   | 994.16    | 992.49     | 1.24    | ppb   |
| Sodium     | 23-2  | 101906.88 | 101444.37 | 102627.48 | 101992.91  | 0.58    | ppb   |
| Strontium  | 86-1  | 995.34    | 1005.72   | 1003.65   | 1001.57    | 0.55    | ppb   |
| Strontium  | 88-1  | 993.56    | 1001.23   | 1006.21   | 1000.33    | 0.64    | ppb   |
| Sulfur     | 34-1  | 19873.45  | 20531.25  | 20231.52  | 20212.07   | 1.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 98         |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 1016.34   | 1003.65   | 990.96    | 1003.65    | 1.26    | ppb   |
| Thallium   | 205-1 | 1006.54   | 998.35    | 999.27    | 1001.38    | 0.45    | ppb   |
| Tin        | 118-1 | 999.76    | 999.68    | 998.86    | 999.44     | 0.05    | ppb   |
| Titanium   | 47-1  | 990.82    | 1011.40   | 1002.00   | 1001.41    | 1.03    | ppb   |
| Uranium    | 238-1 | 1011.66   | 1003.19   | 1005.70   | 1006.85    | 0.43    | ppb   |
| Vanadium   | 51-2  | 1002.59   | 993.16    | 1004.63   | 1000.13    | 0.61    | ppb   |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 1976.79   | 1984.38   | 1995.02   | 1985.40    | 0.46    | ppb   |
| Zirconium  | 90-1  | 998.87    | 1002.47   | 998.96    | 1000.10    | 0.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 992.31  | 1004.01 | 1011.63 | 1002.65    | 0.97    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99855.59  | 100624.62 | 99971.37  | 100150.53  | 0.41    | ppb   |
| Antimony   | 121-1 | 5.21      | 5.37      | 5.74      | 5.44       | 4.94    | ppb   |
| Arsenic    | 75-2  | 1.34      | 1.46      | 1.57      | 1.46       | 8.20    | ppb   |
| Barium     | 135-1 | 1.83      | 1.76      | 1.73      | 1.77       | 3.01    | ppb   |
| Barium     | 137-1 | 1.76      | 1.88      | 1.74      | 1.79       | 4.18    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.16      | 0.10      | 0.13       | 24.27   | ppb   |
| Bismuth    | 209-1 |           |           |           | 84         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 26.41     | 24.02     | 22.91     | 24.45      | 7.31    | ppb   |
| Boron      | 11-1  | 27.08     | 24.26     | 22.97     | 24.77      | 8.48    | ppb   |
| Cadmium    | 106-1 | -0.02     | 0.17      | -1.11     | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.17      | 0.17      | 0.19      | 0.18       | 7.50    | ppb   |
| Cadmium    | 111-1 | 0.12      | 0.16      | 0.05      | 0.11       | 50.92   | ppb   |
| Calcium    | 43-1  | 500121.25 | 501545.85 | 499329.11 | 500332.07  | 0.22    | ppb   |
| Calcium    | 44-1  | 502210.74 | 500552.42 | 499051.09 | 500604.75  | 0.32    | ppb   |
| Chromium   | 52-2  | 21.77     | 21.78     | 22.18     | 21.91      | 1.07    | ppb   |
| Cobalt     | 59-2  | 1.23      | 1.25      | 1.22      | 1.24       | 1.44    | ppb   |
| Copper     | 63-2  | 2.78      | 2.74      | 2.74      | 2.75       | 0.74    | 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 |           |           |           | 93         |         | %     |
| Holmium    | 165-1 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 89         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 249429.88 | 249600.15 | 252075.74 | 250368.59  | 0.59    | ppb   |
| Iron       | 57-2  | 250091.17 | 250662.71 | 250655.26 | 250469.71  | 0.13    | ppb   |
| Lead       | 206-1 | 2.13      | 2.26      | 2.20      | 2.19       | 3.00    | ppb   |
| Lead       | 207-1 | 1.96      | 2.08      | 2.08      | 2.04       | 3.38    | ppb   |
| Lead       | 208-1 | 2.03      | 2.14      | 2.18      | 2.12       | 3.57    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 499848.69 | 503496.83 | 496936.87 | 500094.13  | 0.66    | ppb   |
| Manganese  | 55-2  | 7.82      | 7.64      | 7.88      | 7.78       | 1.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.83      | 1.89      | 2.02      | 1.91       | 5.02    | ppb   |
| Molybdenum | 95-1  | 5.13      | 5.54      | 6.12      | 5.60       | 8.90    | ppb   |
| Molybdenum | 96-1  | 5.11      | 5.45      | 5.89      | 5.48       | 7.17    | ppb   |
| Molybdenum | 97-1  | 4.88      | 5.48      | 5.99      | 5.45       | 10.16   | ppb   |
| Molybdenum | 98-1  | 4.88      | 5.52      | 5.98      | 5.46       | 10.08   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 12.14     | 11.97     | 11.91     | 12.01      | 1.01    | ppb   |
| Phosphorus | 31-2  | 3.73      | 2.13      | 0.42      | 2.09       | 78.96   | ppb   |
| Potassium  | 39-2  | 248691.46 | 251672.25 | 250607.72 | 250323.81  | 0.60    | ppb   |
| Rhodium    | 103-2 |           |           |           | 83         |         | %     |
| Rhodium    | 103-1 |           |           |           | 84         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 1.04      | 1.88      | 1.01      | 1.31       | 37.67   | ppb   |
| Selenium   | 78-2  | 2.59      | 3.02      | 0.99      | 2.20       | 48.49   | ppb   |
| Selenium   | 82-1  | 1.83      | 2.32      | 2.69      | 2.28       | 19.03   | ppb   |
| Silicon    | 28-1  | 13.84     | 12.82     | 12.51     | 13.06      | 5.33    | ppb   |
| Silver     | 109-1 | 0.13      | 0.12      | 0.10      | 0.11       | 12.87   | ppb   |
| Silver     | 107-1 | 0.10      | 0.11      | 0.11      | 0.11       | 5.06    | ppb   |
| Sodium     | 23-2  | 498314.61 | 500767.72 | 498982.93 | 499355.09  | 0.25    | ppb   |
| Strontium  | 86-1  | 29.38     | 29.04     | 30.30     | 29.57      | 2.22    | ppb   |
| Strontium  | 88-1  | 29.55     | 29.88     | 30.26     | 29.90      | 1.19    | ppb   |
| Sulfur     | 34-1  | -297.71   | -164.66   | -103.62   | -188.66    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 92         |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 0.27      | 0.28      | 0.29      | 0.28       | 4.27    | ppb   |
| Thallium   | 205-1 | 0.34      | 0.28      | 0.30      | 0.30       | 9.80    | ppb   |
| Tin        | 118-1 | 1.19      | 1.31      | 1.46      | 1.32       | 10.15   | ppb   |
| Titanium   | 47-1  | 0.76      | 1.03      | 0.87      | 0.88       | 15.04   | ppb   |
| Uranium    | 238-1 | 0.24      | 0.23      | 0.24      | 0.24       | 2.72    | ppb   |
| Vanadium   | 51-2  | 0.28      | 0.26      | 0.29      | 0.28       | 3.95    | ppb   |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 12.10     | 12.62     | 11.91     | 12.21      | 3.00    | ppb   |
| Zirconium  | 90-1  | 0.24      | 0.25      | 0.25      | 0.24       | 2.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.27    | 0.29    | 0.27       | 9.09    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 14:52:47 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 492.51  | 505.04  | 503.52  | 500.36     | 1.37    | ppb   |
| Antimony   | 121-1 | 190.21  | 190.63  | 187.97  | 189.60     | 0.75    | ppb   |
| Arsenic    | 75-2  | 199.38  | 201.30  | 200.41  | 200.36     | 0.48    | ppb   |
| Barium     | 135-1 | 99.19   | 101.89  | 101.04  | 100.71     | 1.37    | ppb   |
| Barium     | 137-1 | 100.88  | 102.90  | 102.45  | 102.08     | 1.04    | ppb   |
| Beryllium  | 9-1   | 99.84   | 98.39   | 98.99   | 99.07      | 0.73    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 468.19  | 473.28  | 499.13  | 480.20     | 3.46    | ppb   |
| Boron      | 11-1  | 469.28  | 481.00  | 491.16  | 480.48     | 2.28    | ppb   |
| Cadmium    | 106-1 | 167.49  | 169.30  | 168.30  | 168.36     | 0.54    | ppb   |
| Cadmium    | 108-1 | 139.87  | 141.12  | 140.84  | 140.61     | 0.47    | ppb   |
| Cadmium    | 111-1 | 105.36  | 107.65  | 106.17  | 106.39     | 1.09    | ppb   |
| Calcium    | 43-1  | 2177.56 | 2159.40 | 2193.14 | 2176.70    | 0.78    | ppb   |
| Calcium    | 44-1  | 2084.28 | 2085.81 | 2092.86 | 2087.65    | 0.22    | ppb   |
| Chromium   | 52-2  | 96.41   | 97.35   | 97.21   | 96.99      | 0.52    | ppb   |
| Cobalt     | 59-2  | 101.92  | 103.05  | 101.58  | 102.18     | 0.75    | ppb   |
| Copper     | 63-2  | 101.00  | 102.59  | 102.40  | 102.00     | 0.85    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 981.97  | 988.45  | 983.90  | 984.77     | 0.34    | ppb   |
| Iron       | 57-2  | 951.72  | 945.27  | 953.37  | 950.12     | 0.45    | ppb   |
| Lead       | 206-1 | 200.87  | 200.71  | 202.77  | 201.45     | 0.57    | ppb   |
| Lead       | 207-1 | 189.96  | 189.28  | 191.86  | 190.36     | 0.70    | ppb   |
| Lead       | 208-1 | 196.38  | 195.75  | 197.74  | 196.62     | 0.52    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1193.75 | 1208.31 | 1223.11 | 1208.39    | 1.21    | ppb   |
| Manganese  | 55-2  | 99.66   | 101.01  | 98.97   | 99.88      | 1.04    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 14:52:47 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 502.33  | 504.30  | 505.52  | 504.05     | 0.32    | ppb   |
| Molybdenum | 95-1  | 500.27  | 498.91  | 503.97  | 501.05     | 0.52    | ppb   |
| Molybdenum | 96-1  | 505.12  | 501.61  | 506.64  | 504.46     | 0.51    | ppb   |
| Molybdenum | 97-1  | 498.45  | 500.07  | 503.48  | 500.67     | 0.51    | ppb   |
| Molybdenum | 98-1  | 495.99  | 496.20  | 502.43  | 498.20     | 0.73    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 100.51  | 102.31  | 101.90  | 101.57     | 0.93    | ppb   |
| Phosphorus | 31-2  | -11.25  | 12.65   | -7.08   | -1.89      |         | ppb   |
| Potassium  | 39-2  | 1978.94 | 2003.70 | 1995.20 | 1992.61    | 0.63    | ppb   |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 197.02  | 211.10  | 200.09  | 202.74     | 3.65    | ppb   |
| Selenium   | 78-2  | 204.46  | 196.57  | 201.10  | 200.71     | 1.97    | ppb   |
| Selenium   | 82-1  | 201.14  | 205.71  | 203.65  | 203.50     | 1.12    | ppb   |
| Silicon    | 28-1  | 619.77  | 623.57  | 623.91  | 622.42     | 0.37    | ppb   |
| Silver     | 109-1 | 102.23  | 102.88  | 103.03  | 102.71     | 0.42    | ppb   |
| Silver     | 107-1 | 104.14  | 104.38  | 104.34  | 104.29     | 0.13    | ppb   |
| Sodium     | 23-2  | 2066.75 | 2068.22 | 2079.95 | 2071.64    | 0.35    | ppb   |
| Strontium  | 86-1  | 459.42  | 462.59  | 464.56  | 462.19     | 0.56    | ppb   |
| Strontium  | 88-1  | 470.26  | 464.82  | 466.83  | 467.30     | 0.59    | ppb   |
| Sulfur     | 34-1  | -242.16 | -246.10 | -346.18 | -278.15    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 195.43  | 194.98  | 195.84  | 195.41     | 0.22    | ppb   |
| Thallium   | 205-1 | 201.17  | 202.57  | 203.18  | 202.31     | 0.51    | ppb   |
| Tin        | 118-1 | 513.06  | 516.74  | 511.11  | 513.64     | 0.56    | ppb   |
| Titanium   | 47-1  | 497.34  | 496.41  | 499.78  | 497.85     | 0.35    | ppb   |
| Uranium    | 238-1 | 490.71  | 483.58  | 489.24  | 487.84     | 0.77    | ppb   |
| Vanadium   | 51-2  | 96.75   | 97.52   | 98.10   | 97.46      | 0.69    | ppb   |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 214.08  | 215.33  | 214.82  | 214.74     | 0.29    | ppb   |
| Zirconium  | 90-1  | 500.38  | 499.75  | 501.44  | 500.52     | 0.17    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 14:52:47 | DataFile Name :   | 011ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 500.08  | 499.81  | 502.45  | 500.78     | 0.29    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:11:21 DataFile Name : 012CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.13    | 0.65    | 0.72    | 0.83       | 31.05   | ppb   |
| Antimony   | 121-1 | 0.93    | 1.18    | 1.33    | 1.15       | 17.62   | ppb   |
| Arsenic    | 75-2  | 0.11    | 0.05    | 0.12    | 0.09       | 40.07   | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.02    | 0.01       | 123.07  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.02    | 0.02       | 40.07   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 50.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 95         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 3.92    | 4.03    | 3.16    | 3.70       | 12.77   | ppb   |
| Boron      | 11-1  | 3.72    | 4.03    | 3.52    | 3.76       | 6.85    | ppb   |
| Cadmium    | 106-1 | -0.68   | -0.66   | -0.55   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.00    | -0.04   | 0.00       | 2446.14 | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -0.36   | -0.53   | 1.05    | 0.05       | 1661.47 | ppb   |
| Calcium    | 44-1  | 0.42    | 1.31    | 0.64    | 0.79       | 58.63   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.04    | 0.02    | 0.03       | 47.06   | 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 |         |         |         | 96         |         | %     |
| Holmium    | 165-1 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 2.25    | 2.26    | 2.17    | 2.22       | 2.05    | ppb   |
| Iron       | 57-2  | 2.85    | 2.30    | 2.09    | 2.41       | 16.30   | ppb   |
| Lead       | 206-1 | 0.04    | 0.07    | 0.06    | 0.05       | 31.93   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.84    | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.05    | 0.04       | 12.93   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 1.20    | 1.32    | 1.05    | 1.19       | 11.21   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.00    | 0.01       | 44.10   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:11:21 DataFile Name : 012CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.10    | 0.09    | 0.09       | 8.37    | ppb   |
| Molybdenum | 95-1  | 0.15    | 0.22    | 0.29    | 0.22       | 30.93   | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.18    | 0.24    | 0.19       | 29.70   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.23    | 0.28    | 0.23       | 23.07   | ppb   |
| Molybdenum | 98-1  | 0.19    | 0.19    | 0.25    | 0.21       | 16.78   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -4.21   | -1.51   | -0.14   | -1.95      |         | ppb   |
| Potassium  | 39-2  | 8.18    | 0.72    | 3.75    | 4.22       | 88.94   | ppb   |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.15    | -0.27   | 0.15    | 0.01       | 2106.32 | ppb   |
| Selenium   | 78-2  | 0.51    | 0.21    | 0.00    | 0.24       | 107.27  | ppb   |
| Selenium   | 82-1  | 0.53    | -0.15   | -0.44   | -0.02      |         | ppb   |
| Silicon    | 28-1  | -4.01   | -3.44   | -3.11   | -3.52      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.92    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.10   | ppb   |
| Sodium     | 23-2  | 15.24   | 14.45   | 12.46   | 14.05      | 10.22   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.02   | 0.03    | 0.00       | 3307.51 | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 14.14   | ppb   |
| Sulfur     | 34-1  | -112.50 | -106.03 | -76.52  | -98.35     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 58.73   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.01       | 51.06   | ppb   |
| Tin        | 118-1 | 0.06    | 0.10    | 0.09    | 0.08       | 24.16   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.05    | 0.01    | 0.02       | 99.90   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 86.92   | ppb   |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 0.49    | 0.41    | 0.34    | 0.42       | 18.69   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.05    | 0.04       | 18.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:11:21 | DataFile Name :   | 012CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.06    | 0.04    | 0.04       | 29.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 92466.85 | 93146.19 | 91896.30 | 92503.11   | 0.68    | ppb   |
| Antimony   | 121-1 | 1.59     | 1.54     | 1.67     | 1.60       | 4.17    | ppb   |
| Arsenic    | 75-2  | 0.38     | 0.39     | 0.43     | 0.40       | 6.54    | ppb   |
| Barium     | 135-1 | 1.47     | 1.51     | 1.56     | 1.51       | 2.98    | ppb   |
| Barium     | 137-1 | 1.45     | 1.51     | 1.52     | 1.49       | 2.67    | ppb   |
| Beryllium  | 9-1   | 0.25     | 0.31     | 0.34     | 0.30       | 15.72   | ppb   |
| Bismuth    | 209-1 |          |          |          | 90         |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 5.06     | 4.20     | 4.25     | 4.50       | 10.72   | ppb   |
| Boron      | 11-1  | 4.26     | 4.74     | 4.29     | 4.43       | 6.01    | ppb   |
| Cadmium    | 106-1 | -0.45    | 0.85     | 0.15     | 0.18       | 353.39  | ppb   |
| Cadmium    | 108-1 | 9.26     | 7.84     | 7.90     | 8.33       | 9.64    | ppb   |
| Cadmium    | 111-1 | 0.30     | 0.39     | 0.37     | 0.35       | 13.60   | ppb   |
| Calcium    | 43-1  | 94561.52 | 94096.55 | 95485.51 | 94714.53   | 0.75    | ppb   |
| Calcium    | 44-1  | 94574.79 | 94219.98 | 95576.07 | 94790.28   | 0.74    | ppb   |
| Chromium   | 52-2  | 19.19    | 19.05    | 19.14    | 19.13      | 0.36    | ppb   |
| Cobalt     | 59-2  | 1.13     | 1.11     | 1.12     | 1.12       | 1.10    | ppb   |
| Copper     | 63-2  | 8.50     | 8.56     | 8.66     | 8.57       | 0.93    | 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 |          |          |          | 96         |         | %     |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 94462.79 | 95009.27 | 94583.96 | 94685.34   | 0.30    | ppb   |
| Iron       | 57-2  | 93841.51 | 95006.87 | 94011.11 | 94286.50   | 0.67    | ppb   |
| Lead       | 206-1 | 4.90     | 4.78     | 4.70     | 4.80       | 2.08    | ppb   |
| Lead       | 207-1 | 4.12     | 4.16     | 4.02     | 4.10       | 1.83    | ppb   |
| Lead       | 208-1 | 4.47     | 4.42     | 4.37     | 4.42       | 1.22    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 96637.67 | 97268.46 | 96332.40 | 96746.17   | 0.49    | ppb   |
| Manganese  | 55-2  | 7.85     | 8.01     | 7.84     | 7.90       | 1.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 576.59   | 576.17   | 583.79   | 578.85     | 0.74    | ppb   |
| Molybdenum | 95-1  | 1903.53  | 1881.38  | 1919.24  | 1901.38    | 1.00    | ppb   |
| Molybdenum | 96-1  | 1579.31  | 1566.82  | 1581.21  | 1575.78    | 0.50    | ppb   |
| Molybdenum | 97-1  | 1960.27  | 1940.39  | 1953.89  | 1951.51    | 0.52    | ppb   |
| Molybdenum | 98-1  | 1908.15  | 1893.63  | 1915.41  | 1905.73    | 0.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.26     | 5.26     | 5.27     | 5.26       | 0.18    | ppb   |
| Phosphorus | 31-2  | 95795.27 | 95528.20 | 96289.31 | 95870.93   | 0.40    | ppb   |
| Potassium  | 39-2  | 97111.49 | 96741.25 | 96563.99 | 96805.58   | 0.29    | ppb   |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.15     | 0.98     | 0.97     | 0.70       | 67.62   | ppb   |
| Selenium   | 78-2  | 0.59     | 0.25     | -0.18    | 0.22       | 173.10  | ppb   |
| Selenium   | 82-1  | 0.19     | 0.21     | 0.29     | 0.23       | 23.97   | ppb   |
| Silicon    | 28-1  | 19.81    | 19.00    | 20.71    | 19.84      | 4.31    | ppb   |
| Silver     | 109-1 | 0.29     | 0.25     | 0.23     | 0.25       | 10.66   | ppb   |
| Silver     | 107-1 | 0.31     | 0.25     | 0.24     | 0.27       | 12.89   | ppb   |
| Sodium     | 23-2  | 99071.03 | 99748.33 | 99702.56 | 99507.31   | 0.38    | ppb   |
| Strontium  | 86-1  | 29.93    | 29.48    | 29.94    | 29.78      | 0.88    | ppb   |
| Strontium  | 88-1  | 30.53    | 30.47    | 30.64    | 30.55      | 0.27    | ppb   |
| Sulfur     | 34-1  | 85065.66 | 84303.44 | 85414.15 | 84927.75   | 0.67    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.19     | 0.11     | 0.11     | 0.14       | 36.42   | ppb   |
| Thallium   | 205-1 | 0.23     | 0.14     | 0.09     | 0.15       | 44.21   | ppb   |
| Tin        | 118-1 | 0.17     | 0.20     | 0.22     | 0.20       | 13.52   | ppb   |
| Titanium   | 47-1  | 1873.39  | 1886.71  | 1912.08  | 1890.73    | 1.04    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.01     | 0.01       | 16.55   | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.16     | 0.14     | 0.16       | 7.38    | ppb   |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 12.81    | 12.33    | 12.94    | 12.69      | 2.50    | ppb   |
| Zirconium  | 90-1  | 0.12     | 0.11     | 0.11     | 0.11       | 4.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.14    | 0.13    | 0.12       | 14.22   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 91356.60 | 91013.22 | 91884.84 | 91418.22   | 0.48    | ppb   |
| Antimony   | 121-1 | 20.92    | 21.07    | 21.71    | 21.23      | 1.97    | ppb   |
| Arsenic    | 75-2  | 19.45    | 19.83    | 19.46    | 19.58      | 1.10    | ppb   |
| Barium     | 135-1 | 21.30    | 21.58    | 21.87    | 21.58      | 1.34    | ppb   |
| Barium     | 137-1 | 21.31    | 21.10    | 22.08    | 21.50      | 2.41    | ppb   |
| Beryllium  | 9-1   | 20.56    | 20.45    | 19.93    | 20.31      | 1.66    | ppb   |
| Bismuth    | 209-1 |          |          |          | 91         |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 54.51    | 56.01    | 59.09    | 56.54      | 4.13    | ppb   |
| Boron      | 11-1  | 53.73    | 56.07    | 56.37    | 55.39      | 2.61    | ppb   |
| Cadmium    | 106-1 | 23.99    | 25.34    | 22.86    | 24.07      | 5.17    | ppb   |
| Cadmium    | 108-1 | 29.66    | 31.38    | 28.89    | 29.97      | 4.26    | ppb   |
| Cadmium    | 111-1 | 19.64    | 19.52    | 19.92    | 19.69      | 1.03    | ppb   |
| Calcium    | 43-1  | 94747.73 | 94918.07 | 95612.26 | 95092.69   | 0.48    | ppb   |
| Calcium    | 44-1  | 94648.00 | 94870.69 | 96060.08 | 95192.92   | 0.80    | ppb   |
| Chromium   | 52-2  | 38.21    | 38.16    | 37.95    | 38.11      | 0.36    | ppb   |
| Cobalt     | 59-2  | 20.91    | 21.03    | 20.94    | 20.96      | 0.29    | ppb   |
| Copper     | 63-2  | 28.71    | 28.48    | 28.10    | 28.43      | 1.08    | 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 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 94542.96 | 94188.72 | 92499.19 | 93743.62   | 1.17    | ppb   |
| Iron       | 57-2  | 94511.97 | 93258.98 | 92960.38 | 93577.11   | 0.88    | ppb   |
| Lead       | 206-1 | 25.54    | 25.46    | 25.10    | 25.37      | 0.92    | ppb   |
| Lead       | 207-1 | 22.77    | 22.58    | 23.12    | 22.82      | 1.19    | ppb   |
| Lead       | 208-1 | 23.77    | 23.78    | 23.90    | 23.82      | 0.30    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 96299.31 | 95738.44 | 95652.25 | 95896.67   | 0.37    | ppb   |
| Manganese  | 55-2  | 27.60    | 27.70    | 27.08    | 27.46      | 1.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 629.28   | 627.38   | 633.37   | 630.01     | 0.49    | ppb   |
| Molybdenum | 95-1  | 1958.72  | 1951.79  | 1974.15  | 1961.56    | 0.58    | ppb   |
| Molybdenum | 96-1  | 1636.94  | 1632.22  | 1643.02  | 1637.39    | 0.33    | ppb   |
| Molybdenum | 97-1  | 2012.38  | 2015.14  | 2007.80  | 2011.77    | 0.18    | ppb   |
| Molybdenum | 98-1  | 1970.13  | 1949.90  | 1967.87  | 1962.63    | 0.56    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.55    | 24.67    | 24.63    | 24.61      | 0.25    | ppb   |
| Phosphorus | 31-2  | 95007.87 | 94474.93 | 94053.09 | 94511.97   | 0.51    | ppb   |
| Potassium  | 39-2  | 97384.00 | 96657.91 | 95386.00 | 96475.97   | 1.05    | ppb   |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 19.89    | 18.98    | 19.84    | 19.57      | 2.63    | ppb   |
| Selenium   | 78-2  | 19.52    | 20.30    | 20.22    | 20.02      | 2.14    | ppb   |
| Selenium   | 82-1  | 19.42    | 19.70    | 20.02    | 19.71      | 1.51    | ppb   |
| Silicon    | 28-1  | 82.41    | 83.57    | 83.21    | 83.06      | 0.71    | ppb   |
| Silver     | 109-1 | 18.64    | 18.58    | 18.89    | 18.71      | 0.88    | ppb   |
| Silver     | 107-1 | 18.62    | 18.88    | 19.17    | 18.89      | 1.46    | ppb   |
| Sodium     | 23-2  | 99860.50 | 98179.82 | 97886.68 | 98642.34   | 1.08    | ppb   |
| Strontium  | 86-1  | 75.41    | 75.51    | 76.07    | 75.66      | 0.47    | ppb   |
| Strontium  | 88-1  | 77.52    | 77.80    | 78.40    | 77.91      | 0.58    | ppb   |
| Sulfur     | 34-1  | 83976.15 | 85014.90 | 83108.70 | 84033.25   | 1.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 19.63    | 20.23    | 19.75    | 19.87      | 1.60    | ppb   |
| Thallium   | 205-1 | 20.08    | 20.19    | 20.08    | 20.12      | 0.32    | ppb   |
| Tin        | 118-1 | 49.55    | 49.80    | 51.47    | 50.27      | 2.07    | ppb   |
| Titanium   | 47-1  | 1929.26  | 1944.31  | 1936.24  | 1936.61    | 0.39    | ppb   |
| Uranium    | 238-1 | 50.37    | 49.87    | 50.80    | 50.35      | 0.93    | ppb   |
| Vanadium   | 51-2  | 19.42    | 19.44    | 19.33    | 19.40      | 0.31    | ppb   |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 34.95    | 34.30    | 33.87    | 34.37      | 1.59    | ppb   |
| Zirconium  | 90-1  | 49.93    | 50.10    | 50.55    | 50.19      | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 49.92   | 50.09   | 50.37   | 50.13      | 0.46    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9394.46  | 9481.41  | 9456.40  | 9444.09    | 0.47    | ppb   |
| Antimony   | 121-1 | 491.16   | 493.94   | 499.48   | 494.86     | 0.86    | ppb   |
| Arsenic    | 75-2  | 498.39   | 493.68   | 493.20   | 495.09     | 0.58    | ppb   |
| Barium     | 135-1 | 2510.22  | 2500.70  | 2526.61  | 2512.51    | 0.52    | ppb   |
| Barium     | 137-1 | 2481.33  | 2498.72  | 2533.43  | 2504.49    | 1.06    | ppb   |
| Beryllium  | 9-1   | 500.57   | 496.80   | 501.92   | 499.76     | 0.53    | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 482.89   | 490.10   | 493.11   | 488.70     | 1.07    | ppb   |
| Boron      | 11-1  | 484.68   | 497.76   | 503.46   | 495.30     | 1.94    | ppb   |
| Cadmium    | 106-1 | 503.60   | 500.76   | 508.08   | 504.15     | 0.73    | ppb   |
| Cadmium    | 108-1 | 505.09   | 511.27   | 511.57   | 509.31     | 0.72    | ppb   |
| Cadmium    | 111-1 | 504.00   | 504.10   | 511.01   | 506.37     | 0.79    | ppb   |
| Calcium    | 43-1  | 48542.80 | 48060.89 | 49015.41 | 48539.70   | 0.98    | ppb   |
| Calcium    | 44-1  | 48688.60 | 48063.24 | 48875.16 | 48542.33   | 0.88    | ppb   |
| Chromium   | 52-2  | 494.90   | 497.70   | 498.33   | 496.98     | 0.37    | ppb   |
| Cobalt     | 59-2  | 505.62   | 502.36   | 507.06   | 505.01     | 0.48    | ppb   |
| Copper     | 63-2  | 1005.49  | 1008.87  | 1012.66  | 1009.01    | 0.36    | 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 |          |          |          | 100        |         | %     |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 24214.05 | 24147.07 | 24462.70 | 24274.61   | 0.69    | ppb   |
| Iron       | 57-2  | 23594.84 | 23918.45 | 24036.35 | 23849.88   | 0.96    | ppb   |
| Lead       | 206-1 | 498.45   | 500.12   | 497.38   | 498.65     | 0.28    | ppb   |
| Lead       | 207-1 | 493.14   | 494.88   | 490.39   | 492.80     | 0.46    | ppb   |
| Lead       | 208-1 | 494.25   | 496.86   | 491.95   | 494.35     | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 49013.63 | 48819.90 | 49340.14 | 49057.89   | 0.54    | ppb   |
| Manganese  | 55-2  | 993.68   | 993.86   | 999.80   | 995.78     | 0.35    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 498.46   | 498.47   | 494.73   | 497.22     | 0.43    | ppb   |
| Molybdenum | 95-1  | 495.16   | 499.09   | 497.83   | 497.36     | 0.40    | ppb   |
| Molybdenum | 96-1  | 496.77   | 501.70   | 498.29   | 498.92     | 0.51    | ppb   |
| Molybdenum | 97-1  | 494.93   | 496.37   | 494.12   | 495.14     | 0.23    | ppb   |
| Molybdenum | 98-1  | 492.07   | 493.82   | 489.63   | 491.84     | 0.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 501.83   | 501.14   | 504.11   | 502.36     | 0.31    | ppb   |
| Phosphorus | 31-2  | 9923.49  | 10129.37 | 9847.04  | 9966.63    | 1.47    | ppb   |
| Potassium  | 39-2  | 24508.76 | 24662.15 | 24595.14 | 24588.69   | 0.31    | ppb   |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 488.70   | 507.49   | 483.89   | 493.36     | 2.53    | ppb   |
| Selenium   | 78-2  | 502.39   | 502.89   | 502.47   | 502.58     | 0.05    | ppb   |
| Selenium   | 82-1  | 496.16   | 498.30   | 490.98   | 495.14     | 0.76    | ppb   |
| Silicon    | 28-1  | 603.82   | 603.16   | 609.94   | 605.64     | 0.62    | ppb   |
| Silver     | 109-1 | 510.25   | 506.29   | 513.40   | 509.98     | 0.70    | ppb   |
| Silver     | 107-1 | 502.74   | 508.03   | 510.37   | 507.05     | 0.77    | ppb   |
| Sodium     | 23-2  | 50063.08 | 49973.21 | 50772.87 | 50269.72   | 0.87    | ppb   |
| Strontium  | 86-1  | 490.07   | 494.52   | 489.76   | 491.45     | 0.54    | ppb   |
| Strontium  | 88-1  | 495.09   | 499.38   | 493.56   | 496.01     | 0.61    | ppb   |
| Sulfur     | 34-1  | 8804.06  | 8780.63  | 9109.46  | 8898.05    | 2.06    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 493.28   | 491.26   | 492.68   | 492.41     | 0.21    | ppb   |
| Thallium   | 205-1 | 490.07   | 487.95   | 485.37   | 487.80     | 0.48    | ppb   |
| Tin        | 118-1 | 500.89   | 497.99   | 505.20   | 501.36     | 0.72    | ppb   |
| Titanium   | 47-1  | 491.62   | 489.31   | 496.97   | 492.63     | 0.80    | ppb   |
| Uranium    | 238-1 | 485.80   | 475.52   | 475.38   | 478.90     | 1.25    | ppb   |
| Vanadium   | 51-2  | 492.70   | 495.70   | 499.97   | 496.12     | 0.74    | ppb   |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 1004.45  | 1001.58  | 1010.81  | 1005.61    | 0.47    | ppb   |
| Zirconium  | 90-1  | 491.44   | 494.66   | 497.29   | 494.46     | 0.59    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.45  | 497.31  | 490.39  | 493.38     | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB090              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB090              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:32:36 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.81    | 0.62    | 1.11    | 1.18       | 50.73   | ppb   |
| Antimony   | 121-1 | 1.05    | 1.31    | 1.46    | 1.27       | 16.24   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.15    | 0.12    | 0.12       | 30.74   | ppb   |
| Barium     | 135-1 | 0.00    | 0.02    | 0.00    | 0.01       | 175.53  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.00    | 0.01       | 61.80   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 24.60   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 5.42    | 4.15    | 3.99    | 4.52       | 17.40   | ppb   |
| Boron      | 11-1  | 3.92    | 4.45    | 3.80    | 4.06       | 8.54    | ppb   |
| Cadmium    | 106-1 | 0.11    | -0.78   | -1.22   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.02   | 0.00    | 0.00       | 4195.50 | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.06   | -0.09   | -0.05      |         | ppb   |
| Calcium    | 43-1  | -2.56   | -3.52   | 0.49    | -1.86      |         | ppb   |
| Calcium    | 44-1  | 2.52    | 1.95    | 0.27    | 1.58       | 74.06   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.09    | 0.09    | 0.08    | 0.09       | 3.98    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 1.75    | 1.70    | 1.81    | 1.75       | 3.03    | ppb   |
| Iron       | 57-2  | 1.97    | 1.33    | 1.76    | 1.69       | 19.36   | ppb   |
| Lead       | 206-1 | 0.06    | 0.04    | 0.04    | 0.04       | 22.44   | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.05    | 0.04       | 29.39   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 1.28    | 1.05    | 1.21    | 1.18       | 10.19   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 459.05  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB090              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB090              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:32:36 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.14    | 0.13    | 0.20    | 0.16       | 22.21   | ppb   |
| Molybdenum | 95-1  | 0.33    | 0.41    | 0.55    | 0.43       | 25.86   | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.37    | 0.44    | 0.36       | 22.96   | ppb   |
| Molybdenum | 97-1  | 0.40    | 0.38    | 0.62    | 0.47       | 28.15   | ppb   |
| Molybdenum | 98-1  | 0.34    | 0.42    | 0.54    | 0.43       | 23.61   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 4.31    | -10.69  | -0.14   | -2.17      |         | ppb   |
| Potassium  | 39-2  | 3.15    | 0.63    | 3.80    | 2.53       | 66.16   | ppb   |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.15    | -0.13      |         | ppb   |
| Selenium   | 78-2  | 1.26    | 0.25    | -0.16   | 0.45       | 164.05  | ppb   |
| Selenium   | 82-1  | 0.24    | 0.35    | -0.17   | 0.14       | 198.75  | ppb   |
| Silicon    | 28-1  | -3.54   | -3.39   | -4.40   | -3.78      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.02    | 0.02       | 38.16   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.37   | ppb   |
| Sodium     | 23-2  | 17.88   | 15.04   | 17.82   | 16.92      | 9.59    | ppb   |
| Strontium  | 86-1  | -0.06   | -0.04   | 0.01    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 10.34   | ppb   |
| Sulfur     | 34-1  | -922.78 | -920.22 | -892.20 | -911.73    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 48.74   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.01       | 52.92   | ppb   |
| Tin        | 118-1 | 0.05    | 0.09    | 0.13    | 0.09       | 41.58   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.08    | 0.02    | 0.03       | 125.66  | ppb   |
| Uranium    | 238-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 234.62  | ppb   |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.10    | 0.09    | 0.06    | 0.09       | 22.59   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.05    | 0.04       | 34.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB090              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB090              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:32:36 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.06    | 0.04       | 43.63   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.94   | 17.48   | 20.46   | 19.63      | 9.54    | ppb   |
| Antimony   | 121-1 | 2.10    | 2.10    | 2.23    | 2.15       | 3.62    | ppb   |
| Arsenic    | 75-2  | 1.06    | 0.99    | 1.10    | 1.05       | 5.45    | ppb   |
| Barium     | 135-1 | 9.23    | 8.83    | 9.05    | 9.04       | 2.20    | ppb   |
| Barium     | 137-1 | 9.03    | 9.01    | 9.15    | 9.06       | 0.83    | ppb   |
| Beryllium  | 9-1   | 0.92    | 0.97    | 0.92    | 0.94       | 3.54    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 24.85   | 26.62   | 24.56   | 25.34      | 4.40    | ppb   |
| Boron      | 11-1  | 24.57   | 25.99   | 25.25   | 25.27      | 2.82    | ppb   |
| Cadmium    | 106-1 | -0.18   | 0.88    | 0.19    | 0.30       | 181.72  | ppb   |
| Cadmium    | 108-1 | 0.89    | 0.83    | 0.65    | 0.79       | 15.72   | ppb   |
| Cadmium    | 111-1 | 0.84    | 0.87    | 0.89    | 0.87       | 2.97    | ppb   |
| Calcium    | 43-1  | 456.89  | 431.47  | 436.82  | 441.73     | 3.03    | ppb   |
| Calcium    | 44-1  | 449.81  | 448.05  | 442.12  | 446.66     | 0.90    | ppb   |
| Chromium   | 52-2  | 1.89    | 1.95    | 1.90    | 1.91       | 1.82    | ppb   |
| Cobalt     | 59-2  | 0.99    | 0.97    | 0.98    | 0.98       | 0.96    | ppb   |
| Copper     | 63-2  | 2.02    | 2.10    | 2.09    | 2.07       | 2.08    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 47.57   | 47.40   | 47.12   | 47.37      | 0.48    | ppb   |
| Iron       | 57-2  | 47.03   | 44.33   | 45.98   | 45.78      | 2.98    | ppb   |
| Lead       | 206-1 | 0.93    | 0.98    | 0.94    | 0.95       | 2.99    | ppb   |
| Lead       | 207-1 | 0.91    | 0.95    | 0.86    | 0.91       | 4.60    | ppb   |
| Lead       | 208-1 | 0.92    | 0.96    | 0.91    | 0.93       | 2.73    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 481.15  | 476.75  | 482.18  | 480.03     | 0.60    | ppb   |
| Manganese  | 55-2  | 0.95    | 0.91    | 0.92    | 0.92       | 1.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.96    | 2.06    | 2.00    | 2.00       | 2.61    | ppb   |
| Molybdenum | 95-1  | 4.68    | 4.78    | 4.82    | 4.76       | 1.48    | ppb   |
| Molybdenum | 96-1  | 3.90    | 4.11    | 4.14    | 4.05       | 3.22    | ppb   |
| Molybdenum | 97-1  | 4.70    | 4.83    | 4.75    | 4.76       | 1.45    | ppb   |
| Molybdenum | 98-1  | 4.63    | 4.58    | 4.71    | 4.64       | 1.36    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.94    | 1.02    | 1.07    | 1.01       | 6.44    | ppb   |
| Phosphorus | 31-2  | 15.63   | 7.16    | 7.06    | 9.95       | 49.43   | ppb   |
| Potassium  | 39-2  | 456.90  | 463.15  | 457.22  | 459.09     | 0.77    | ppb   |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 7.30    | 5.56    | 2.64    | 5.17       | 45.57   | ppb   |
| Selenium   | 78-2  | 3.38    | 4.70    | 5.79    | 4.62       | 26.13   | ppb   |
| Selenium   | 82-1  | 5.06    | 4.85    | 4.93    | 4.95       | 2.19    | ppb   |
| Silicon    | 28-1  | 1.96    | 1.34    | 1.71    | 1.67       | 18.57   | ppb   |
| Silver     | 109-1 | 0.62    | 0.71    | 0.68    | 0.67       | 7.24    | ppb   |
| Silver     | 107-1 | 0.70    | 0.66    | 0.70    | 0.69       | 3.53    | ppb   |
| Sodium     | 23-2  | 495.45  | 504.91  | 504.77  | 501.71     | 1.08    | ppb   |
| Strontium  | 86-1  | 0.85    | 0.90    | 0.84    | 0.86       | 3.31    | ppb   |
| Strontium  | 88-1  | 0.89    | 0.88    | 0.89    | 0.89       | 0.61    | ppb   |
| Sulfur     | 34-1  | -766.30 | -805.75 | -811.06 | -794.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.91    | 0.88    | 0.91    | 0.90       | 1.86    | ppb   |
| Thallium   | 205-1 | 0.91    | 0.93    | 0.94    | 0.93       | 1.96    | ppb   |
| Tin        | 118-1 | 4.57    | 4.61    | 4.54    | 4.57       | 0.80    | ppb   |
| Titanium   | 47-1  | 4.43    | 4.61    | 4.45    | 4.49       | 2.25    | ppb   |
| Uranium    | 238-1 | 0.90    | 0.90    | 0.89    | 0.89       | 0.82    | ppb   |
| Vanadium   | 51-2  | 4.66    | 4.60    | 4.66    | 4.64       | 0.65    | ppb   |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 2.10    | 2.08    | 1.95    | 2.05       | 3.99    | ppb   |
| Zirconium  | 90-1  | 0.78    | 0.80    | 0.78    | 0.79       | 1.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.73    | 0.74    | 0.76    | 0.75       | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1171.55 | 1168.25 | 1144.76 | 1161.52    | 1.26    | ppb   |
| Antimony   | 121-1 | 0.35    | 0.39    | 0.39    | 0.38       | 7.27    | ppb   |
| Arsenic    | 75-2  | 1.13    | 1.18    | 1.13    | 1.14       | 2.58    | ppb   |
| Barium     | 135-1 | 82.09   | 82.75   | 82.10   | 82.32      | 0.46    | ppb   |
| Barium     | 137-1 | 82.51   | 83.14   | 82.45   | 82.70      | 0.46    | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.24    | 0.28    | 0.26       | 8.37    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 4.38    | 5.41    | 5.33    | 5.04       | 11.38   | ppb   |
| Boron      | 11-1  | 4.28    | 4.49    | 4.27    | 4.35       | 2.84    | ppb   |
| Cadmium    | 106-1 | 0.33    | 0.75    | -0.03   | 0.35       | 112.45  | ppb   |
| Cadmium    | 108-1 | 0.84    | 1.06    | 0.81    | 0.90       | 15.34   | ppb   |
| Cadmium    | 111-1 | 0.75    | 0.78    | 0.76    | 0.76       | 1.93    | ppb   |
| Calcium    | 43-1  | 1146.76 | 1175.98 | 1182.69 | 1168.47    | 1.63    | ppb   |
| Calcium    | 44-1  | 1165.93 | 1178.24 | 1176.76 | 1173.64    | 0.57    | ppb   |
| Chromium   | 52-2  | 1.86    | 1.86    | 1.83    | 1.85       | 0.97    | ppb   |
| Cobalt     | 59-2  | 0.87    | 0.84    | 0.91    | 0.88       | 4.04    | ppb   |
| Copper     | 63-2  | 30.68   | 30.78   | 30.33   | 30.60      | 0.77    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 3563.20 | 3579.43 | 3481.84 | 3541.49    | 1.48    | ppb   |
| Iron       | 57-2  | 3451.97 | 3479.21 | 3428.34 | 3453.17    | 0.74    | ppb   |
| Lead       | 206-1 | 255.31  | 256.31  | 255.11  | 255.58     | 0.25    | ppb   |
| Lead       | 207-1 | 226.04  | 227.82  | 228.19  | 227.35     | 0.51    | ppb   |
| Lead       | 208-1 | 240.59  | 241.53  | 242.36  | 241.49     | 0.37    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 294.05  | 289.16  | 289.08  | 290.76     | 0.98    | ppb   |
| Manganese  | 55-2  | 41.71   | 40.84   | 41.07   | 41.20      | 1.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.23    | 0.23    | 0.23       | 1.59    | ppb   |
| Molybdenum | 95-1  | 0.34    | 0.41    | 0.41    | 0.39       | 10.77   | ppb   |
| Molybdenum | 96-1  | 0.30    | 0.33    | 0.38    | 0.34       | 12.95   | ppb   |
| Molybdenum | 97-1  | 0.39    | 0.34    | 0.39    | 0.37       | 7.41    | ppb   |
| Molybdenum | 98-1  | 0.31    | 0.40    | 0.44    | 0.38       | 17.45   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.34    | 3.23    | 3.10    | 3.22       | 3.65    | ppb   |
| Phosphorus | 31-2  | 319.66  | 297.03  | 301.03  | 305.90     | 3.95    | ppb   |
| Potassium  | 39-2  | 103.81  | 105.22  | 103.69  | 104.24     | 0.82    | ppb   |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 0.98    | -0.27   | 0.97    | 0.56       | 127.94  | ppb   |
| Selenium   | 78-2  | -0.16   | -0.18   | 0.58    | 0.08       | 527.73  | ppb   |
| Selenium   | 82-1  | 0.53    | 0.38    | 0.32    | 0.41       | 26.62   | ppb   |
| Silicon    | 28-1  | 644.39  | 654.47  | 652.61  | 650.49     | 0.82    | ppb   |
| Silver     | 109-1 | 0.17    | 0.15    | 0.16    | 0.16       | 4.19    | ppb   |
| Silver     | 107-1 | 0.16    | 0.14    | 0.17    | 0.16       | 9.95    | ppb   |
| Sodium     | 23-2  | 35.04   | 34.93   | 32.89   | 34.29      | 3.54    | ppb   |
| Strontium  | 86-1  | 11.38   | 11.32   | 11.35   | 11.35      | 0.25    | ppb   |
| Strontium  | 88-1  | 11.62   | 11.70   | 11.70   | 11.67      | 0.40    | ppb   |
| Sulfur     | 34-1  | -693.99 | -585.12 | -613.20 | -630.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 31.76   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.02    | 0.02       | 25.36   | ppb   |
| Tin        | 118-1 | 5.29    | 5.42    | 5.35    | 5.35       | 1.28    | ppb   |
| Titanium   | 47-1  | 4.16    | 4.44    | 4.73    | 4.44       | 6.49    | ppb   |
| Uranium    | 238-1 | 0.19    | 0.18    | 0.17    | 0.18       | 3.78    | ppb   |
| Vanadium   | 51-2  | 3.67    | 3.71    | 3.74    | 3.70       | 0.96    | ppb   |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 219.46  | 221.05  | 214.34  | 218.28     | 1.60    | ppb   |
| Zirconium  | 90-1  | 0.17    | 0.18    | 0.19    | 0.18       | 7.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.15    | 0.18    | 0.17       | 10.77   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-18DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BQ2DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:43:14 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 949.55  | 959.32  | 941.52  | 950.13     | 0.94    | ppb   |
| Antimony   | 121-1 | 0.69    | 0.69    | 0.68    | 0.69       | 0.63    | ppb   |
| Arsenic    | 75-2  | 1.11    | 1.04    | 1.10    | 1.08       | 3.44    | ppb   |
| Barium     | 135-1 | 115.69  | 118.17  | 114.98  | 116.28     | 1.44    | ppb   |
| Barium     | 137-1 | 117.90  | 117.53  | 118.17  | 117.87     | 0.27    | ppb   |
| Beryllium  | 9-1   | 0.15    | 0.20    | 0.18    | 0.18       | 13.40   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 4.13    | 5.00    | 4.36    | 4.50       | 10.01   | ppb   |
| Boron      | 11-1  | 4.52    | 4.74    | 4.73    | 4.66       | 2.63    | ppb   |
| Cadmium    | 106-1 | -0.30   | 0.53    | 0.87    | 0.37       | 164.86  | ppb   |
| Cadmium    | 108-1 | 0.61    | 0.51    | 0.65    | 0.59       | 12.70   | ppb   |
| Cadmium    | 111-1 | 0.54    | 0.64    | 0.58    | 0.59       | 9.34    | ppb   |
| Calcium    | 43-1  | 2814.83 | 2904.07 | 2872.55 | 2863.81    | 1.58    | ppb   |
| Calcium    | 44-1  | 2864.96 | 2893.32 | 2875.30 | 2877.86    | 0.50    | ppb   |
| Chromium   | 52-2  | 6.20    | 6.14    | 6.29    | 6.21       | 1.26    | ppb   |
| Cobalt     | 59-2  | 1.67    | 1.69    | 1.73    | 1.70       | 1.82    | ppb   |
| Copper     | 63-2  | 28.76   | 28.74   | 29.03   | 28.84      | 0.57    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 3370.30 | 3372.41 | 3363.73 | 3368.81    | 0.13    | ppb   |
| Iron       | 57-2  | 3291.64 | 3297.67 | 3290.72 | 3293.34    | 0.11    | ppb   |
| Lead       | 206-1 | 275.96  | 272.18  | 276.33  | 274.82     | 0.84    | ppb   |
| Lead       | 207-1 | 248.27  | 244.16  | 248.17  | 246.87     | 0.95    | ppb   |
| Lead       | 208-1 | 262.35  | 258.69  | 261.70  | 260.91     | 0.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 676.85  | 664.48  | 687.23  | 676.19     | 1.68    | ppb   |
| Manganese  | 55-2  | 58.20   | 58.06   | 58.37   | 58.21      | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-18DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BQ2DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:43:14 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.19    | 0.22    | 0.20       | 7.19    | ppb   |
| Molybdenum | 95-1  | 0.30    | 0.31    | 0.39    | 0.33       | 14.45   | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.29    | 0.32    | 0.29       | 8.86    | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.28    | 0.38    | 0.31       | 22.18   | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.31    | 0.37    | 0.32       | 12.23   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 6.25    | 6.29    | 6.57    | 6.37       | 2.71    | ppb   |
| Phosphorus | 31-2  | 237.12  | 193.40  | 209.05  | 213.19     | 10.39   | ppb   |
| Potassium  | 39-2  | 114.32  | 117.69  | 118.61  | 116.87     | 1.93    | ppb   |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 1.40    | 0.56    | -0.27   | 0.56       | 147.94  | ppb   |
| Selenium   | 78-2  | 0.68    | 0.99    | -0.19   | 0.50       | 122.92  | ppb   |
| Selenium   | 82-1  | 0.05    | 0.45    | -0.24   | 0.09       | 404.52  | ppb   |
| Silicon    | 28-1  | 573.81  | 573.80  | 580.84  | 576.15     | 0.70    | ppb   |
| Silver     | 109-1 | 0.14    | 0.13    | 0.13    | 0.13       | 5.95    | ppb   |
| Silver     | 107-1 | 0.14    | 0.15    | 0.13    | 0.14       | 7.06    | ppb   |
| Sodium     | 23-2  | 36.95   | 37.60   | 39.87   | 38.14      | 4.02    | ppb   |
| Strontium  | 86-1  | 12.30   | 12.41   | 11.98   | 12.23      | 1.85    | ppb   |
| Strontium  | 88-1  | 12.49   | 12.47   | 12.44   | 12.46      | 0.20    | ppb   |
| Sulfur     | 34-1  | -823.32 | -675.44 | -807.92 | -768.89    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.24   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.88   | ppb   |
| Tin        | 118-1 | 8.56    | 8.62    | 8.55    | 8.58       | 0.47    | ppb   |
| Titanium   | 47-1  | 8.88    | 8.89    | 9.04    | 8.94       | 1.02    | ppb   |
| Uranium    | 238-1 | 0.09    | 0.10    | 0.10    | 0.10       | 5.16    | ppb   |
| Vanadium   | 51-2  | 3.11    | 2.98    | 2.95    | 3.01       | 2.73    | ppb   |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 221.71  | 222.18  | 222.02  | 221.97     | 0.11    | ppb   |
| Zirconium  | 90-1  | 0.15    | 0.16    | 0.15    | 0.16       | 3.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-18DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BQ2DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:43:14 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.14    | 0.12    | 0.14       | 15.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 276.21  | 281.45  | 286.94  | 281.54     | 1.91    | ppb   |
| Antimony   | 121-1 | 0.15    | 0.15    | 0.17    | 0.16       | 6.76    | ppb   |
| Arsenic    | 75-2  | 16.27   | 16.74   | 16.40   | 16.47      | 1.47    | ppb   |
| Barium     | 135-1 | 18.65   | 18.43   | 18.85   | 18.64      | 1.11    | ppb   |
| Barium     | 137-1 | 18.24   | 18.60   | 18.30   | 18.38      | 1.03    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.15    | 0.15    | 0.16       | 9.90    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 3.21    | 1.88    | 2.89    | 2.66       | 26.07   | ppb   |
| Boron      | 11-1  | 2.31    | 2.33    | 2.26    | 2.30       | 1.49    | ppb   |
| Cadmium    | 106-1 | -0.68   | 0.00    | -0.31   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | -0.02   | 0.02       | 170.61  | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.03    | 0.01    | 0.00       | 542.74  | ppb   |
| Calcium    | 43-1  | 2781.54 | 2689.78 | 2713.40 | 2728.24    | 1.75    | ppb   |
| Calcium    | 44-1  | 2783.21 | 2737.64 | 2767.11 | 2762.65    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.74    | 0.73    | 0.67    | 0.71       | 5.63    | ppb   |
| Cobalt     | 59-2  | 1.03    | 1.01    | 1.02    | 1.02       | 0.66    | ppb   |
| Copper     | 63-2  | 2.87    | 2.87    | 2.85    | 2.87       | 0.40    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 348.54  | 354.83  | 347.55  | 350.31     | 1.13    | ppb   |
| Iron       | 57-2  | 346.17  | 350.90  | 333.35  | 343.47     | 2.64    | ppb   |
| Lead       | 206-1 | 4.34    | 4.33    | 4.29    | 4.32       | 0.58    | ppb   |
| Lead       | 207-1 | 3.92    | 3.85    | 3.91    | 3.89       | 0.99    | ppb   |
| Lead       | 208-1 | 4.08    | 4.07    | 4.07    | 4.07       | 0.11    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 1062.51 | 1066.22 | 1058.06 | 1062.26    | 0.38    | ppb   |
| Manganese  | 55-2  | 165.61  | 169.03  | 166.38  | 167.01     | 1.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.06    | 0.06    | 0.06       | 6.04    | ppb   |
| Molybdenum | 95-1  | 0.12    | 0.13    | 0.17    | 0.14       | 18.61   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.11    | 0.12    | 0.11       | 11.28   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.11    | 0.18    | 0.12       | 47.74   | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.12    | 0.18    | 0.13       | 31.81   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.94    | 0.95    | 1.01    | 0.97       | 3.55    | ppb   |
| Phosphorus | 31-2  | 19.15   | 29.92   | 10.55   | 19.87      | 48.83   | ppb   |
| Potassium  | 39-2  | 129.23  | 122.37  | 118.84  | 123.48     | 4.28    | ppb   |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 2.19    | 0.56    | 3.01    | 1.92       | 65.03   | ppb   |
| Selenium   | 78-2  | 0.83    | -0.12   | 0.55    | 0.42       | 115.39  | ppb   |
| Selenium   | 82-1  | -0.14   | 0.26    | 0.08    | 0.06       | 309.16  | ppb   |
| Silicon    | 28-1  | 402.15  | 396.05  | 397.85  | 398.68     | 0.79    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.02       | 39.24   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.36    | ppb   |
| Sodium     | 23-2  | 209.69  | 210.88  | 210.66  | 210.41     | 0.30    | ppb   |
| Strontium  | 86-1  | 5.73    | 5.98    | 6.19    | 5.97       | 3.92    | ppb   |
| Strontium  | 88-1  | 6.05    | 6.09    | 6.02    | 6.05       | 0.52    | ppb   |
| Sulfur     | 34-1  | -708.09 | -864.98 | -774.49 | -782.52    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 96.09   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 236.27  | ppb   |
| Tin        | 118-1 | 0.05    | 0.05    | 0.07    | 0.06       | 18.29   | ppb   |
| Titanium   | 47-1  | 0.94    | 1.03    | 0.91    | 0.96       | 6.61    | ppb   |
| Uranium    | 238-1 | 0.06    | 0.06    | 0.06    | 0.06       | 0.50    | ppb   |
| Vanadium   | 51-2  | 1.44    | 1.43    | 1.53    | 1.47       | 3.66    | ppb   |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 4.62    | 4.62    | 5.12    | 4.79       | 6.04    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.03       | 17.77   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.03       | 22.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.84     | 1.11     | 1.69     | 1.55       | 24.97   | ppb   |
| Antimony   | 121-1 | 0.45     | 0.45     | 0.48     | 0.46       | 3.32    | ppb   |
| Arsenic    | 75-2  | 94.38    | 94.72    | 94.23    | 94.44      | 0.26    | ppb   |
| Barium     | 135-1 | 24.39    | 24.53    | 24.60    | 24.51      | 0.43    | ppb   |
| Barium     | 137-1 | 24.69    | 24.93    | 25.39    | 25.00      | 1.44    | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.01     | 0.00     | 0.00       | 211.81  | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 6.39     | 5.35     | 5.82     | 5.85       | 8.87    | ppb   |
| Boron      | 11-1  | 5.81     | 5.69     | 6.00     | 5.84       | 2.65    | ppb   |
| Cadmium    | 106-1 | -0.25    | -0.56    | -1.00    | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | 0.04     | -0.02    | 0.01       | 624.64  | ppb   |
| Cadmium    | 111-1 | -0.02    | -0.05    | -0.08    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 32319.36 | 32331.39 | 32484.57 | 32378.44   | 0.28    | ppb   |
| Calcium    | 44-1  | 32759.60 | 32719.11 | 32584.87 | 32687.86   | 0.28    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.18     | 0.18     | 0.19       | 3.54    | ppb   |
| Cobalt     | 59-2  | 0.00     | 0.00     | 0.01     | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.15     | 0.15     | 0.16     | 0.15       | 5.90    | 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 |          |          |          | 101        |         | %     |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 3.14     | 3.25     | 3.18     | 3.19       | 1.80    | ppb   |
| Iron       | 57-2  | 4.20     | 4.35     | 4.07     | 4.21       | 3.32    | ppb   |
| Lead       | 206-1 | 0.07     | 0.05     | 0.06     | 0.06       | 15.10   | ppb   |
| Lead       | 207-1 | 0.03     | 0.04     | 0.06     | 0.04       | 32.95   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.05     | 0.05       | 10.95   | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 15175.07 | 15416.72 | 15293.66 | 15295.15   | 0.79    | ppb   |
| Manganese  | 55-2  | 1.53     | 1.58     | 1.63     | 1.58       | 3.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.13    | 0.15    | 0.18    | 0.15       | 14.64    | ppb   |
| Molybdenum | 95-1  | 0.39    | 0.40    | 0.44    | 0.41       | 6.40     | ppb   |
| Molybdenum | 96-1  | 0.38    | 0.35    | 0.37    | 0.36       | 4.48     | ppb   |
| Molybdenum | 97-1  | 0.43    | 0.39    | 0.39    | 0.41       | 5.63     | ppb   |
| Molybdenum | 98-1  | 0.35    | 0.39    | 0.45    | 0.40       | 13.43    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.00    | 0.02    | 0.04    | 0.02       | 100.36   | ppb   |
| Phosphorus | 31-2  | 5.33    | 12.44   | -11.33  | 2.15       | 568.52   | ppb   |
| Potassium  | 39-2  | 2160.93 | 2176.10 | 2162.24 | 2166.42    | 0.39     | ppb   |
| Rhodium    | 103-2 |         |         |         | 99         |          | %     |
| Rhodium    | 103-1 |         |         |         | 101        |          | %     |
| Scandium   | 45-1  |         |         |         | 103        |          | %     |
| Scandium   | 45-2  |         |         |         | 101        |          | %     |
| Selenium   | 77-2  | -0.27   | 0.54    | 0.13    | 0.13       | 298.90   | ppb   |
| Selenium   | 78-2  | -0.23   | -0.45   | 0.69    | 0.00       | 50347.27 | ppb   |
| Selenium   | 82-1  | 0.33    | 0.62    | 0.15    | 0.37       | 64.30    | ppb   |
| Silicon    | 28-1  | 3923.40 | 3923.33 | 3952.20 | 3932.97    | 0.42     | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 77.36    | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 37.58    | ppb   |
| Sodium     | 23-2  | 2188.58 | 2192.39 | 2185.02 | 2188.67    | 0.17     | ppb   |
| Strontium  | 86-1  | 66.79   | 65.91   | 65.97   | 66.23      | 0.74     | ppb   |
| Strontium  | 88-1  | 67.67   | 67.41   | 67.45   | 67.51      | 0.21     | ppb   |
| Sulfur     | 34-1  | 4854.82 | 5059.90 | 5059.38 | 4991.37    | 2.37     | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |          | %     |
| Terbium    | 159-2 |         |         |         | 101        |          | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 222.26   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 49.38    | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.02    | 0.00       | 200.46   | ppb   |
| Titanium   | 47-1  | 0.18    | 0.22    | 0.18    | 0.19       | 11.19    | ppb   |
| Uranium    | 238-1 | 0.29    | 0.28    | 0.29    | 0.29       | 1.46     | ppb   |
| Vanadium   | 51-2  | 0.25    | 0.22    | 0.22    | 0.23       | 7.44     | ppb   |
| Yttrium    | 89-2  |         |         |         | 100        |          | %     |
| Yttrium    | 89-1  |         |         |         | 103        |          | %     |
| Zinc       | 66-2  | 0.25    | 0.17    | 0.12    | 0.18       | 37.93    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.04    | 0.04       | 10.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.08    | 0.08    | 0.07       | 17.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.50     | 2.60     | 3.13     | 2.41       | 34.46   | ppb   |
| Antimony   | 121-1 | 0.47     | 0.44     | 0.45     | 0.45       | 2.97    | ppb   |
| Arsenic    | 75-2  | 97.33    | 95.77    | 95.26    | 96.12      | 1.12    | ppb   |
| Barium     | 135-1 | 25.60    | 25.45    | 25.08    | 25.37      | 1.06    | ppb   |
| Barium     | 137-1 | 25.56    | 25.27    | 25.21    | 25.35      | 0.74    | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.01     | 0.00     | 0.01       | 48.77   | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 5.66     | 5.84     | 5.68     | 5.73       | 1.74    | ppb   |
| Boron      | 11-1  | 5.72     | 5.79     | 5.98     | 5.83       | 2.29    | ppb   |
| Cadmium    | 106-1 | -0.39    | -1.05    | -1.25    | -0.90      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | 0.06     | 0.00     | 0.02       | 184.69  | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.08    | -0.10    | -0.07      |         | ppb   |
| Calcium    | 43-1  | 32570.46 | 32372.86 | 32659.95 | 32534.42   | 0.45    | ppb   |
| Calcium    | 44-1  | 32727.86 | 32719.25 | 32946.38 | 32797.83   | 0.39    | ppb   |
| Chromium   | 52-2  | 0.29     | 0.20     | 0.26     | 0.25       | 17.94   | ppb   |
| Cobalt     | 59-2  | 0.00     | 0.01     | 0.00     | 0.00       | 346.75  | ppb   |
| Copper     | 63-2  | 0.18     | 0.19     | 0.17     | 0.18       | 3.27    | 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 |          |          |          | 100        |         | %     |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 3.63     | 3.86     | 4.02     | 3.84       | 5.16    | ppb   |
| Iron       | 57-2  | 4.71     | 4.48     | 5.95     | 5.05       | 15.67   | ppb   |
| Lead       | 206-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.92   | ppb   |
| Lead       | 207-1 | 0.02     | 0.03     | 0.03     | 0.02       | 31.36   | ppb   |
| Lead       | 208-1 | 0.03     | 0.03     | 0.03     | 0.03       | 9.97    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 15272.28 | 15331.21 | 15544.48 | 15382.66   | 0.93    | ppb   |
| Manganese  | 55-2  | 3.07     | 3.16     | 3.09     | 3.10       | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.21    | 0.22    | 0.21       | 6.15    | ppb   |
| Molybdenum | 95-1  | 0.41    | 0.41    | 0.46    | 0.42       | 6.71    | ppb   |
| Molybdenum | 96-1  | 0.33    | 0.36    | 0.39    | 0.36       | 7.45    | ppb   |
| Molybdenum | 97-1  | 0.40    | 0.37    | 0.43    | 0.40       | 6.73    | ppb   |
| Molybdenum | 98-1  | 0.38    | 0.43    | 0.40    | 0.40       | 5.46    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | 0.02    | 0.03       | 18.09   | ppb   |
| Phosphorus | 31-2  | 3.02    | -0.03   | 14.93   | 5.97       | 132.29  | ppb   |
| Potassium  | 39-2  | 2154.48 | 2202.25 | 2186.11 | 2180.95    | 1.11    | ppb   |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.55    | 0.14    | 0.14    | 0.28       | 86.52   | ppb   |
| Selenium   | 78-2  | 0.00    | -0.02   | 0.65    | 0.21       | 181.88  | ppb   |
| Selenium   | 82-1  | 0.08    | 0.21    | 0.31    | 0.20       | 56.03   | ppb   |
| Silicon    | 28-1  | 4008.78 | 3925.79 | 4040.29 | 3991.62    | 1.48    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 65.83   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 150.47  | ppb   |
| Sodium     | 23-2  | 2175.36 | 2196.81 | 2227.80 | 2199.99    | 1.20    | ppb   |
| Strontium  | 86-1  | 66.00   | 64.76   | 66.12   | 65.63      | 1.14    | ppb   |
| Strontium  | 88-1  | 67.66   | 66.89   | 67.56   | 67.37      | 0.63    | ppb   |
| Sulfur     | 34-1  | 5106.66 | 5112.97 | 5209.79 | 5143.14    | 1.12    | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 64.64   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 38.21   | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | 0.00    | 0.00       | 268.08  | ppb   |
| Titanium   | 47-1  | 0.18    | 0.08    | 0.23    | 0.16       | 45.30   | ppb   |
| Uranium    | 238-1 | 0.28    | 0.29    | 0.25    | 0.27       | 7.25    | ppb   |
| Vanadium   | 51-2  | 0.24    | 0.23    | 0.24    | 0.24       | 2.56    | ppb   |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.11    | 0.21    | 0.24    | 0.19       | 35.33   | ppb   |
| Zirconium  | 90-1  | 0.12    | 0.11    | 0.12    | 0.12       | 4.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.14    | 0.17    | 0.14    | 0.15       | 12.25   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1407-24 Instrumnet Name : P7  
 Client Sample ID : M64604GH425250.2S-09 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:57:24 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26.22    | 25.29    | 23.55    | 25.02      | 5.41    | ppb   |
| Antimony   | 121-1 | 0.38     | 0.39     | 0.39     | 0.39       | 1.88    | ppb   |
| Arsenic    | 75-2  | 0.34     | 0.35     | 0.32     | 0.34       | 4.20    | ppb   |
| Barium     | 135-1 | 38.05    | 38.87    | 38.34    | 38.42      | 1.08    | ppb   |
| Barium     | 137-1 | 37.89    | 38.75    | 38.66    | 38.43      | 1.22    | ppb   |
| Beryllium  | 9-1   | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 13.81    | 15.28    | 16.70    | 15.26      | 9.48    | ppb   |
| Boron      | 11-1  | 14.42    | 14.24    | 15.32    | 14.66      | 3.96    | ppb   |
| Cadmium    | 106-1 | -0.11    | -0.33    | -0.58    | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.08     | 0.08     | 0.00     | 0.05       | 90.56   | ppb   |
| Cadmium    | 111-1 | 0.02     | 0.00     | -0.02    | 0.00       | 1402.63 | ppb   |
| Calcium    | 43-1  | 25660.08 | 25636.81 | 25633.27 | 25643.39   | 0.06    | ppb   |
| Calcium    | 44-1  | 25803.26 | 25669.62 | 25664.32 | 25712.40   | 0.31    | ppb   |
| Chromium   | 52-2  | 0.05     | 0.08     | 0.06     | 0.06       | 24.34   | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.07     | 0.07     | 0.07       | 4.90    | ppb   |
| Copper     | 63-2  | 385.46   | 387.29   | 386.61   | 386.46     | 0.24    | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 13.03    | 13.03    | 12.90    | 12.99      | 0.57    | ppb   |
| Iron       | 57-2  | 13.24    | 14.80    | 14.21    | 14.08      | 5.60    | ppb   |
| Lead       | 206-1 | 2.05     | 2.06     | 2.01     | 2.04       | 1.34    | ppb   |
| Lead       | 207-1 | 1.84     | 1.78     | 1.87     | 1.83       | 2.55    | ppb   |
| Lead       | 208-1 | 1.95     | 1.93     | 1.93     | 1.94       | 0.68    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 9162.51  | 9263.07  | 9218.98  | 9214.85    | 0.55    | ppb   |
| Manganese  | 55-2  | 4.07     | 4.03     | 4.12     | 4.08       | 1.09    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1407-24 Instrumnet Name : P7  
 Client Sample ID : M64604GH425250.2S-09 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:57:24 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17     | 0.17     | 0.18     | 0.17       | 2.57    | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.48     | 0.50     | 0.46       | 11.30   | ppb   |
| Molybdenum | 96-1  | 0.42     | 0.37     | 0.40     | 0.40       | 5.93    | ppb   |
| Molybdenum | 97-1  | 0.43     | 0.40     | 0.46     | 0.43       | 6.20    | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.46     | 0.41     | 0.43       | 5.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 38.23    | 38.44    | 38.35    | 38.34      | 0.28    | ppb   |
| Phosphorus | 31-2  | 504.30   | 458.29   | 487.58   | 483.39     | 4.82    | ppb   |
| Potassium  | 39-2  | 2439.47  | 2451.92  | 2439.31  | 2443.57    | 0.30    | ppb   |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | -0.27    | 0.13     | 0.93     | 0.26       | 231.32  | ppb   |
| Selenium   | 78-2  | -0.58    | -0.55    | -0.61    | -0.58      |         | ppb   |
| Selenium   | 82-1  | 0.23     | 0.09     | -0.42    | -0.04      |         | ppb   |
| Silicon    | 28-1  | 2508.66  | 2506.44  | 2530.01  | 2515.04    | 0.52    | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.02     | 0.02       | 22.05   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.02     | 0.02       | 10.42   | ppb   |
| Sodium     | 23-2  | 45320.24 | 45511.13 | 45134.34 | 45321.90   | 0.42    | ppb   |
| Strontium  | 86-1  | 77.78    | 79.24    | 78.64    | 78.55      | 0.93    | ppb   |
| Strontium  | 88-1  | 80.17    | 80.17    | 80.29    | 80.21      | 0.08    | ppb   |
| Sulfur     | 34-1  | 5386.19  | 5460.50  | 5401.23  | 5415.98    | 0.73    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Tin        | 118-1 | 4.11     | 4.13     | 4.05     | 4.10       | 1.07    | ppb   |
| Titanium   | 47-1  | 0.23     | 0.32     | 0.24     | 0.26       | 18.82   | ppb   |
| Uranium    | 238-1 | 0.08     | 0.07     | 0.07     | 0.07       | 5.69    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.08     | 0.08       | 4.11    | ppb   |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 211.85   | 213.97   | 213.96   | 213.26     | 0.57    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.06     | 0.06     | 0.06       | 5.16    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1407-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | M64604GH425250.2S-09 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:57:24  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.08    | 0.06       | 23.83   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9583.81  | 9433.68  | 9486.28  | 9501.26    | 0.80    | ppb   |
| Antimony   | 121-1 | 481.73   | 485.76   | 492.70   | 486.73     | 1.14    | ppb   |
| Arsenic    | 75-2  | 503.09   | 492.41   | 493.01   | 496.17     | 1.21    | ppb   |
| Barium     | 135-1 | 2439.72  | 2447.79  | 2500.37  | 2462.63    | 1.34    | ppb   |
| Barium     | 137-1 | 2453.00  | 2431.47  | 2490.17  | 2458.22    | 1.21    | ppb   |
| Beryllium  | 9-1   | 500.13   | 499.60   | 495.87   | 498.54     | 0.47    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 475.40   | 480.15   | 483.75   | 479.77     | 0.87    | ppb   |
| Boron      | 11-1  | 476.27   | 485.60   | 484.44   | 482.10     | 1.06    | ppb   |
| Cadmium    | 106-1 | 490.39   | 494.86   | 502.44   | 495.90     | 1.23    | ppb   |
| Cadmium    | 108-1 | 488.99   | 494.74   | 506.86   | 496.86     | 1.84    | ppb   |
| Cadmium    | 111-1 | 492.22   | 499.06   | 502.23   | 497.83     | 1.03    | ppb   |
| Calcium    | 43-1  | 48143.80 | 48102.17 | 47969.83 | 48071.93   | 0.19    | ppb   |
| Calcium    | 44-1  | 48327.28 | 47682.12 | 48267.48 | 48092.30   | 0.74    | ppb   |
| Chromium   | 52-2  | 500.57   | 491.67   | 491.89   | 494.71     | 1.03    | ppb   |
| Cobalt     | 59-2  | 509.08   | 499.16   | 498.37   | 502.21     | 1.19    | ppb   |
| Copper     | 63-2  | 1016.25  | 1000.12  | 1002.02  | 1006.13    | 0.88    | 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 |          |          |          | 98         |         | %     |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 24515.17 | 24055.34 | 23870.46 | 24146.99   | 1.37    | ppb   |
| Iron       | 57-2  | 24021.16 | 23642.74 | 23364.59 | 23676.16   | 1.39    | ppb   |
| Lead       | 206-1 | 491.06   | 493.20   | 497.15   | 493.80     | 0.63    | ppb   |
| Lead       | 207-1 | 486.94   | 489.53   | 492.48   | 489.65     | 0.57    | ppb   |
| Lead       | 208-1 | 489.83   | 488.41   | 491.25   | 489.83     | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 49769.38 | 49039.86 | 48828.52 | 49212.59   | 1.00    | ppb   |
| Manganese  | 55-2  | 1002.68  | 983.58   | 984.58   | 990.28     | 1.09    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 488.44   | 492.43   | 491.08   | 490.65     | 0.41    | ppb   |
| Molybdenum | 95-1  | 484.92   | 488.53   | 488.27   | 487.24     | 0.41    | ppb   |
| Molybdenum | 96-1  | 484.13   | 492.31   | 490.81   | 489.08     | 0.89    | ppb   |
| Molybdenum | 97-1  | 482.18   | 489.68   | 490.98   | 487.61     | 0.97    | ppb   |
| Molybdenum | 98-1  | 479.28   | 486.51   | 484.60   | 483.46     | 0.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 506.61   | 496.02   | 495.01   | 499.21     | 1.29    | ppb   |
| Phosphorus | 31-2  | 9901.61  | 9804.55  | 9650.34  | 9785.50    | 1.29    | ppb   |
| Potassium  | 39-2  | 24724.95 | 24166.44 | 24146.92 | 24346.10   | 1.35    | ppb   |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 480.65   | 486.51   | 472.54   | 479.90     | 1.46    | ppb   |
| Selenium   | 78-2  | 500.23   | 508.04   | 509.00   | 505.76     | 0.95    | ppb   |
| Selenium   | 82-1  | 491.34   | 493.66   | 494.52   | 493.17     | 0.33    | ppb   |
| Silicon    | 28-1  | 672.52   | 671.79   | 672.40   | 672.24     | 0.06    | ppb   |
| Silver     | 109-1 | 495.94   | 497.36   | 504.88   | 499.39     | 0.96    | ppb   |
| Silver     | 107-1 | 492.51   | 499.02   | 506.83   | 499.45     | 1.44    | ppb   |
| Sodium     | 23-2  | 51781.10 | 49989.44 | 50240.25 | 50670.26   | 1.91    | ppb   |
| Strontium  | 86-1  | 486.31   | 487.64   | 492.22   | 488.72     | 0.63    | ppb   |
| Strontium  | 88-1  | 492.87   | 490.86   | 492.49   | 492.08     | 0.22    | ppb   |
| Sulfur     | 34-1  | 9487.22  | 9387.97  | 9273.95  | 9383.05    | 1.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 482.81   | 487.03   | 489.93   | 486.59     | 0.74    | ppb   |
| Thallium   | 205-1 | 486.95   | 487.61   | 483.83   | 486.13     | 0.41    | ppb   |
| Tin        | 118-1 | 484.25   | 492.20   | 499.22   | 491.89     | 1.52    | ppb   |
| Titanium   | 47-1  | 492.03   | 485.31   | 489.39   | 488.91     | 0.69    | ppb   |
| Uranium    | 238-1 | 485.54   | 482.24   | 483.73   | 483.84     | 0.34    | ppb   |
| Vanadium   | 51-2  | 494.84   | 488.89   | 488.98   | 490.91     | 0.69    | ppb   |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 1008.50  | 991.22   | 995.54   | 998.42     | 0.90    | ppb   |
| Zirconium  | 90-1  | 487.17   | 488.27   | 489.35   | 488.26     | 0.22    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 487.21  | 487.67  | 488.06  | 487.65     | 0.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB091              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB091              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:11:07 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.34    | 0.10    | -0.14   | 0.10       | 237.15  | ppb   |
| Antimony   | 121-1 | 1.02    | 1.25    | 1.52    | 1.26       | 19.86   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.11    | 0.15    | 0.13       | 16.18   | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.01    | 0.01       | 140.65  | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | 0.01    | 0.01       | 90.30   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.01    | 0.02       | 57.00   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 3.17    | 3.42    | 3.53    | 3.37       | 5.50    | ppb   |
| Boron      | 11-1  | 2.90    | 3.11    | 3.02    | 3.01       | 3.51    | ppb   |
| Cadmium    | 106-1 | 0.10    | -1.31   | -0.43   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | 0.04    | 0.01       | 430.91  | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.10   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 0.35    | 0.94    | -1.33   | -0.01      |         | ppb   |
| Calcium    | 44-1  | -1.37   | -0.77   | -0.51   | -0.88      |         | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | 0.03    | 0.03       | 20.57   | 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 |         |         |         | 97         |         | %     |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 0.62    | 0.60    | 0.66    | 0.62       | 4.80    | ppb   |
| Iron       | 57-2  | 0.13    | 0.78    | 0.25    | 0.38       | 89.79   | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.02    | 0.03       | 31.82   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.03    | 0.03       | 7.86    | ppb   |
| Lead       | 208-1 | 0.03    | 0.04    | 0.02    | 0.03       | 18.89   | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 0.57    | 0.72    | 0.62    | 0.63       | 12.32   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.00    | 0.02    | 0.01       | 83.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB091              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB091              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:11:07 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.10    | 0.10    | 0.10       | 11.58   | ppb   |
| Molybdenum | 95-1  | 0.18    | 0.26    | 0.31    | 0.25       | 26.08   | ppb   |
| Molybdenum | 96-1  | 0.17    | 0.19    | 0.24    | 0.20       | 18.26   | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.28    | 0.30    | 0.26       | 17.96   | ppb   |
| Molybdenum | 98-1  | 0.21    | 0.21    | 0.32    | 0.24       | 26.13   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -14.60  | -13.27  | -10.50  | -12.79     |         | ppb   |
| Potassium  | 39-2  | -0.41   | -0.58   | -2.57   | -1.19      |         | ppb   |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -0.27   | 0.15    | -0.27   | -0.13      |         | ppb   |
| Selenium   | 78-2  | 0.08    | -0.65   | 0.47    | -0.03      |         | ppb   |
| Selenium   | 82-1  | 0.27    | 0.16    | -0.13   | 0.10       | 202.98  | ppb   |
| Silicon    | 28-1  | -3.94   | -5.12   | -4.13   | -4.40      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.13    | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 37.24   | ppb   |
| Sodium     | 23-2  | 8.19    | 8.78    | 8.10    | 8.36       | 4.40    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.63    | ppb   |
| Sulfur     | 34-1  | -656.69 | -722.96 | -626.41 | -668.69    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 42.38   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.50   | ppb   |
| Tin        | 118-1 | 0.09    | 0.11    | 0.16    | 0.12       | 32.20   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.03    | 0.01       | 105.55  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 667.27  | ppb   |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | -0.09   | 0.02    | 0.00    | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.04    | 0.04       | 6.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB091              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB091              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:11:07 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.31    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-12 Instrumnet Name : P7  
 Client Sample ID : R44501MOB1156.7F-063 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:18:09 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1577.72 | 1604.98 | 1630.90 | 1604.53    | 1.66    | ppb   |
| Antimony   | 121-1 | 0.48    | 0.52    | 0.48    | 0.49       | 4.45    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.31    | 0.28    | 0.28       | 14.83   | ppb   |
| Barium     | 135-1 | 14.47   | 14.55   | 15.27   | 14.76      | 2.97    | ppb   |
| Barium     | 137-1 | 14.99   | 15.08   | 15.07   | 15.05      | 0.32    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.00    | 0.01       | 92.74   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 9.04    | 9.31    | 10.24   | 9.53       | 6.63    | ppb   |
| Boron      | 11-1  | 9.64    | 9.23    | 9.55    | 9.48       | 2.30    | ppb   |
| Cadmium    | 106-1 | -0.54   | -0.58   | -0.70   | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.16    | 0.27    | 0.22       | 24.44   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 6097.09 | 6162.91 | 6191.09 | 6150.36    | 0.78    | ppb   |
| Calcium    | 44-1  | 6215.23 | 6227.81 | 6226.48 | 6223.17    | 0.11    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.07    | 0.06       | 17.60   | ppb   |
| Cobalt     | 59-2  | 0.34    | 0.34    | 0.33    | 0.34       | 2.55    | ppb   |
| Copper     | 63-2  | 1141.18 | 1139.47 | 1155.04 | 1145.23    | 0.75    | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 89.63   | 90.20   | 90.92   | 90.25      | 0.71    | ppb   |
| Iron       | 57-2  | 93.61   | 89.74   | 89.91   | 91.09      | 2.40    | ppb   |
| Lead       | 206-1 | 1.44    | 1.38    | 1.39    | 1.40       | 2.15    | ppb   |
| Lead       | 207-1 | 1.27    | 1.26    | 1.24    | 1.26       | 1.13    | ppb   |
| Lead       | 208-1 | 1.33    | 1.32    | 1.31    | 1.32       | 0.94    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1388.05 | 1396.91 | 1389.55 | 1391.51    | 0.34    | ppb   |
| Manganese  | 55-2  | 19.87   | 19.65   | 20.03   | 19.85      | 0.96    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501MOB1156.7F-063 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:18:09  | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.08    | 0.08    | 0.08       | 5.39    | ppb   |
| Molybdenum | 95-1  | 0.13    | 0.14    | 0.19    | 0.15       | 22.76   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.13    | 0.14    | 0.12       | 12.83   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.11    | 0.14    | 0.11       | 24.38   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.12    | 0.15    | 0.12       | 23.28   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 113.10  | 112.81  | 114.97  | 113.63     | 1.03    | ppb   |
| Phosphorus | 31-2  | 494.73  | 449.24  | 485.62  | 476.53     | 5.05    | ppb   |
| Potassium  | 39-2  | 614.49  | 627.76  | 631.68  | 624.64     | 1.44    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -0.27   | 0.12    | 0.12    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.65    | 0.36    | -0.21   | 0.26       | 165.03  | ppb   |
| Selenium   | 82-1  | -0.32   | -0.10   | 0.31    | -0.04      |         | ppb   |
| Silicon    | 28-1  | 853.03  | 858.45  | 854.99  | 855.49     | 0.32    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.02    | 0.02       | 26.87   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.73   | ppb   |
| Sodium     | 23-2  | 9019.40 | 9027.03 | 9085.23 | 9043.88    | 0.40    | ppb   |
| Strontium  | 86-1  | 18.90   | 19.01   | 19.37   | 19.09      | 1.30    | ppb   |
| Strontium  | 88-1  | 19.05   | 19.42   | 19.17   | 19.21      | 0.97    | ppb   |
| Sulfur     | 34-1  | -8.15   | 75.18   | 98.93   | 55.32      | 101.65  | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 24.48   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 51.23   | ppb   |
| Tin        | 118-1 | 2.76    | 2.74    | 2.67    | 2.72       | 1.78    | ppb   |
| Titanium   | 47-1  | 0.33    | 0.39    | 0.25    | 0.32       | 21.38   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.08    | 0.07    | 0.08       | 10.75   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 958.39  | 960.81  | 971.52  | 963.57     | 0.73    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.07    | 0.08    | 0.07       | 12.12   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501MOB1156.7F-063 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:18:09  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.08    | 0.08       | 5.65    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-13 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2223.1F-077 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:21:39 DataFile Name : 028SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.57    | 4.65    | 3.48    | 4.23       | 15.42   | ppb   |
| Antimony   | 121-1 | 0.18    | 0.19    | 0.20    | 0.19       | 6.62    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.31    | 0.30    | 0.31       | 4.54    | ppb   |
| Barium     | 135-1 | 14.80   | 15.32   | 15.45   | 15.19      | 2.24    | ppb   |
| Barium     | 137-1 | 14.89   | 15.05   | 15.11   | 15.02      | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.01    | 0.01       | 105.03  | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 7.17    | 5.47    | 6.39    | 6.34       | 13.37   | ppb   |
| Boron      | 11-1  | 5.94    | 6.44    | 6.23    | 6.20       | 4.06    | ppb   |
| Cadmium    | 106-1 | -0.62   | 0.20    | -0.61   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.22    | 0.12    | 0.19       | 32.60   | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.03    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 6111.39 | 6173.70 | 6155.11 | 6146.74    | 0.52    | ppb   |
| Calcium    | 44-1  | 6278.88 | 6270.53 | 6299.68 | 6283.03    | 0.24    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.02    | 0.07    | 0.05       | 49.75   | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.08    | 0.09       | 6.38    | ppb   |
| Copper     | 63-2  | 394.32  | 395.82  | 396.09  | 395.41     | 0.24    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 28.17   | 28.65   | 28.64   | 28.49      | 0.97    | ppb   |
| Iron       | 57-2  | 29.28   | 27.76   | 27.01   | 28.02      | 4.12    | ppb   |
| Lead       | 206-1 | 2.31    | 2.26    | 2.28    | 2.28       | 1.04    | ppb   |
| Lead       | 207-1 | 2.10    | 2.11    | 2.07    | 2.09       | 0.85    | ppb   |
| Lead       | 208-1 | 2.21    | 2.19    | 2.18    | 2.20       | 0.62    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1386.93 | 1396.73 | 1393.59 | 1392.42    | 0.36    | ppb   |
| Manganese  | 55-2  | 9.86    | 9.84    | 9.89    | 9.86       | 0.27    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-13 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2223.1F-077 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:21:39 DataFile Name : 028SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.11    | 0.09    | 0.09       | 15.87   | ppb   |
| Molybdenum | 95-1  | 0.12    | 0.11    | 0.12    | 0.11       | 2.95    | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.12    | 0.14    | 0.11       | 30.65   | ppb   |
| Molybdenum | 97-1  | 0.09    | 0.09    | 0.16    | 0.12       | 36.54   | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.13    | 0.15    | 0.12       | 20.07   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 33.94   | 34.23   | 33.88   | 34.01      | 0.55    | ppb   |
| Phosphorus | 31-2  | 577.44  | 595.54  | 588.57  | 587.18     | 1.55    | ppb   |
| Potassium  | 39-2  | 622.36  | 619.24  | 625.08  | 622.23     | 0.47    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.12    | 0.12    | -0.27   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.47    | -0.29   | 0.18    | 0.12       | 321.29  | ppb   |
| Selenium   | 82-1  | 0.12    | 0.39    | 1.08    | 0.53       | 94.10   | ppb   |
| Silicon    | 28-1  | 927.91  | 927.54  | 921.54  | 925.66     | 0.39    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.02    | 0.01       | 19.65   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.70    | ppb   |
| Sodium     | 23-2  | 9289.98 | 9243.64 | 9155.48 | 9229.70    | 0.74    | ppb   |
| Strontium  | 86-1  | 18.78   | 18.67   | 18.91   | 18.79      | 0.66    | ppb   |
| Strontium  | 88-1  | 19.43   | 19.30   | 19.31   | 19.35      | 0.39    | ppb   |
| Sulfur     | 34-1  | 74.75   | 86.62   | 139.43  | 100.27     | 34.34   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.08    | 0.09    | 0.09    | 0.09       | 11.70   | ppb   |
| Titanium   | 47-1  | 0.23    | 0.21    | 0.28    | 0.24       | 14.94   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.03    | 0.03       | 14.91   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 679.09  | 677.17  | 681.87  | 679.38     | 0.35    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.07    | 0.08    | 0.07       | 10.62   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2223.1F-077 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:21:39  | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.07    | 0.09    | 0.08       | 13.81   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-14 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.1F-075 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:25:09 DataFile Name : 029SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.86    | 7.56    | 7.99    | 7.14       | 15.85   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.15    | 0.14       | 9.02    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.29    | 0.35    | 0.31       | 9.12    | ppb   |
| Barium     | 135-1 | 14.10   | 14.14   | 14.28   | 14.17      | 0.66    | ppb   |
| Barium     | 137-1 | 14.35   | 14.37   | 14.69   | 14.47      | 1.29    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 36.28   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 5.14    | 6.51    | 5.88    | 5.84       | 11.76   | ppb   |
| Boron      | 11-1  | 5.25    | 5.89    | 6.29    | 5.81       | 8.99    | ppb   |
| Cadmium    | 106-1 | -0.82   | -0.29   | -0.26   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.06    | 0.14    | 0.10       | 42.21   | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.02   | -0.01   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 6362.29 | 6241.35 | 6272.73 | 6292.12    | 1.00    | ppb   |
| Calcium    | 44-1  | 6401.86 | 6314.35 | 6372.14 | 6362.79    | 0.70    | ppb   |
| Chromium   | 52-2  | 0.08    | 0.09    | 0.08    | 0.08       | 5.44    | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.04    | 0.04    | 0.04       | 10.73   | ppb   |
| Copper     | 63-2  | 386.13  | 390.58  | 389.93  | 388.88     | 0.62    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 56.05   | 56.97   | 56.03   | 56.35      | 0.95    | ppb   |
| Iron       | 57-2  | 54.28   | 58.72   | 57.46   | 56.82      | 4.03    | ppb   |
| Lead       | 206-1 | 2.33    | 2.34    | 2.30    | 2.32       | 0.84    | ppb   |
| Lead       | 207-1 | 2.17    | 2.12    | 2.14    | 2.15       | 1.21    | ppb   |
| Lead       | 208-1 | 2.24    | 2.23    | 2.21    | 2.23       | 0.67    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1403.46 | 1417.03 | 1425.96 | 1415.48    | 0.80    | ppb   |
| Manganese  | 55-2  | 27.83   | 27.79   | 27.62   | 27.75      | 0.40    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-14 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.1F-075 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:25:09 DataFile Name : 029SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.07    | 0.07    | 0.06       | 18.17   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.10    | 0.11    | 0.10       | 12.51   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.08    | 0.11    | 0.09       | 24.46   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.10    | 0.14    | 0.11       | 17.82   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.08    | 0.11    | 0.09       | 15.98   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.77    | 5.70    | 5.77    | 5.75       | 0.73    | ppb   |
| Phosphorus | 31-2  | 596.65  | 637.79  | 621.14  | 618.53     | 3.35    | ppb   |
| Potassium  | 39-2  | 622.38  | 623.63  | 634.21  | 626.74     | 1.04    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -0.27   | 0.51    | -0.27   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.38    | 0.17    | 0.17    | 0.24       | 51.58   | ppb   |
| Selenium   | 82-1  | -0.74   | 0.14    | -0.20   | -0.27      |         | ppb   |
| Silicon    | 28-1  | 869.40  | 855.93  | 854.56  | 859.96     | 0.95    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 30.79   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.06    | 0.03       | 71.80   | ppb   |
| Sodium     | 23-2  | 9228.41 | 9338.51 | 9311.96 | 9292.96    | 0.62    | ppb   |
| Strontium  | 86-1  | 19.21   | 19.18   | 19.07   | 19.15      | 0.37    | ppb   |
| Strontium  | 88-1  | 19.18   | 19.55   | 19.37   | 19.37      | 0.96    | ppb   |
| Sulfur     | 34-1  | 59.37   | -28.39  | 79.42   | 36.80      | 155.81  | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.08    | 0.08    | 0.09    | 0.08       | 8.41    | ppb   |
| Titanium   | 47-1  | 0.31    | 0.26    | 0.29    | 0.29       | 8.57    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.03    | 0.03       | 12.51   | ppb   |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 173.00  | 177.00  | 175.87  | 175.29     | 1.17    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.05    | 0.05       | 7.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.1F-075 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:25:09  | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.05    | 0.05       | 13.96   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-15 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.2F-076 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:28:39 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.64    | 6.33    | 8.51    | 7.16       | 16.53   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.12    | 0.11       | 9.11    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.34    | 0.34    | 0.32       | 12.97   | ppb   |
| Barium     | 135-1 | 14.70   | 14.40   | 14.54   | 14.55      | 1.00    | ppb   |
| Barium     | 137-1 | 14.31   | 14.39   | 14.72   | 14.47      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 92.21   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 6.72    | 6.44    | 6.71    | 6.62       | 2.38    | ppb   |
| Boron      | 11-1  | 5.98    | 5.37    | 6.13    | 5.83       | 6.98    | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.42   | -0.63   | -0.54      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.06    | 0.12    | 0.08       | 45.97   | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.05   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 6089.32 | 6254.04 | 6186.49 | 6176.62    | 1.34    | ppb   |
| Calcium    | 44-1  | 6181.74 | 6307.28 | 6203.99 | 6231.00    | 1.08    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.09    | 0.10    | 0.10       | 5.29    | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.06    | 0.06    | 0.06       | 5.13    | ppb   |
| Copper     | 63-2  | 351.09  | 350.40  | 353.18  | 351.56     | 0.41    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 95.72   | 94.85   | 95.71   | 95.43      | 0.52    | ppb   |
| Iron       | 57-2  | 97.56   | 92.09   | 91.10   | 93.58      | 3.72    | ppb   |
| Lead       | 206-1 | 2.94    | 2.95    | 2.97    | 2.95       | 0.55    | ppb   |
| Lead       | 207-1 | 2.65    | 2.72    | 2.80    | 2.72       | 2.76    | ppb   |
| Lead       | 208-1 | 2.82    | 2.85    | 2.85    | 2.84       | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1375.21 | 1360.00 | 1383.27 | 1372.83    | 0.86    | ppb   |
| Manganese  | 55-2  | 30.08   | 29.71   | 29.95   | 29.91      | 0.62    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-15 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.2F-076 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:28:39 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.06    | 0.04       | 33.14   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.09    | 0.07    | 0.08       | 17.28   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.09    | 0.09    | 0.09       | 15.17   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.11    | 0.09       | 21.76   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.09    | 0.09    | 0.09       | 4.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.56    | 3.54    | 3.80    | 3.63       | 3.98    | ppb   |
| Phosphorus | 31-2  | 577.94  | 539.29  | 537.17  | 551.47     | 4.16    | ppb   |
| Potassium  | 39-2  | 634.05  | 623.08  | 628.53  | 628.55     | 0.87    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 1.29    | 0.25       | 357.54  | ppb   |
| Selenium   | 78-2  | 0.07    | 0.70    | 0.24    | 0.34       | 97.11   | ppb   |
| Selenium   | 82-1  | 0.41    | 0.09    | 0.13    | 0.21       | 83.75   | ppb   |
| Silicon    | 28-1  | 859.89  | 879.93  | 849.82  | 863.21     | 1.78    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 21.61   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.67   | ppb   |
| Sodium     | 23-2  | 9274.59 | 9102.83 | 9292.68 | 9223.37    | 1.14    | ppb   |
| Strontium  | 86-1  | 19.23   | 19.03   | 19.01   | 19.09      | 0.65    | ppb   |
| Strontium  | 88-1  | 19.61   | 19.29   | 19.43   | 19.44      | 0.82    | ppb   |
| Sulfur     | 34-1  | -0.94   | 69.06   | -29.47  | 12.88      | 393.46  | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.24    | 0.22    | 0.19    | 0.21       | 11.76   | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.03    | 0.03       | 15.28   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 243.46  | 242.42  | 247.32  | 244.40     | 1.06    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.04    | 0.04       | 17.01   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.2F-076 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:28:39  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.04    | 0.04    | 0.05       | 19.30   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-16 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1F-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:32:10 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.18   | 11.06   | 8.74    | 9.99       | 11.68   | ppb   |
| Antimony   | 121-1 | 0.16    | 0.16    | 0.17    | 0.16       | 3.67    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.27    | 0.34    | 0.30       | 12.47   | ppb   |
| Barium     | 135-1 | 16.95   | 16.49   | 16.87   | 16.77      | 1.46    | ppb   |
| Barium     | 137-1 | 16.66   | 16.86   | 16.99   | 16.84      | 0.97    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.01       | 67.42   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 6.04    | 5.93    | 6.68    | 6.22       | 6.52    | ppb   |
| Boron      | 11-1  | 5.86    | 5.66    | 6.10    | 5.87       | 3.76    | ppb   |
| Cadmium    | 106-1 | 0.18    | 0.98    | -0.25   | 0.30       | 206.84  | ppb   |
| Cadmium    | 108-1 | 0.67    | 0.55    | 0.47    | 0.56       | 17.65   | ppb   |
| Cadmium    | 111-1 | 0.31    | 0.34    | 0.31    | 0.32       | 6.48    | ppb   |
| Calcium    | 43-1  | 6334.52 | 6274.34 | 6255.86 | 6288.24    | 0.65    | ppb   |
| Calcium    | 44-1  | 6422.92 | 6339.43 | 6356.77 | 6373.04    | 0.69    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.09    | 0.07    | 0.07       | 41.47   | ppb   |
| Cobalt     | 59-2  | 0.42    | 0.41    | 0.44    | 0.42       | 3.47    | ppb   |
| Copper     | 63-2  | 92.62   | 92.91   | 93.97   | 93.17      | 0.77    | 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 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 39.52   | 40.46   | 40.86   | 40.28      | 1.71    | ppb   |
| Iron       | 57-2  | 43.34   | 39.93   | 40.46   | 41.24      | 4.45    | ppb   |
| Lead       | 206-1 | 17.96   | 17.81   | 17.84   | 17.87      | 0.42    | ppb   |
| Lead       | 207-1 | 16.27   | 16.06   | 16.21   | 16.18      | 0.66    | ppb   |
| Lead       | 208-1 | 16.95   | 16.85   | 16.90   | 16.90      | 0.29    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1385.79 | 1394.72 | 1406.71 | 1395.74    | 0.75    | ppb   |
| Manganese  | 55-2  | 20.81   | 21.36   | 21.39   | 21.18      | 1.55    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-16 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1F-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:32:10 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.05    | 0.04       | 23.08   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.08    | 0.09    | 0.08       | 17.42   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.06    | 0.06    | 0.05       | 22.41   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.04    | 0.11    | 0.06       | 59.04   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.10    | 0.09    | 0.09       | 18.77   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 192.67  | 194.30  | 196.18  | 194.39     | 0.90    | ppb   |
| Phosphorus | 31-2  | 264.65  | 276.13  | 324.68  | 288.49     | 11.05   | ppb   |
| Potassium  | 39-2  | 620.42  | 623.05  | 626.80  | 623.42     | 0.51    | ppb   |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.12    | 0.12    | -0.27   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.20   | -0.20   | -0.20   | -0.20      |         | ppb   |
| Selenium   | 82-1  | 0.56    | 0.06    | 0.10    | 0.24       | 115.53  | ppb   |
| Silicon    | 28-1  | 938.57  | 892.05  | 891.54  | 907.39     | 2.98    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 11.81   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.02       | 35.66   | ppb   |
| Sodium     | 23-2  | 9299.26 | 9244.90 | 9366.70 | 9303.62    | 0.66    | ppb   |
| Strontium  | 86-1  | 19.11   | 19.36   | 19.01   | 19.16      | 0.93    | ppb   |
| Strontium  | 88-1  | 19.48   | 19.47   | 19.31   | 19.42      | 0.51    | ppb   |
| Sulfur     | 34-1  | 334.29  | 243.96  | 106.37  | 228.21     | 50.29   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.01   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.01       | 78.97   | ppb   |
| Tin        | 118-1 | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.22    | 0.25    | 1.19    | 0.55       | 99.42   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.03    | 0.04       | 12.34   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 1502.67 | 1515.79 | 1516.18 | 1511.55    | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.05    | 0.04       | 16.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1F-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:32:10 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.05    | 0.05       | 29.20   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-17 Instrumnet Name : P7  
 Client Sample ID : R44501WRB1155.1B-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:35:40 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.04    | 8.41    | 5.18    | 6.88       | 23.53   | ppb   |
| Antimony   | 121-1 | 0.57    | 0.58    | 0.58    | 0.57       | 0.61    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.21    | 0.23       | 8.33    | ppb   |
| Barium     | 135-1 | 15.42   | 15.02   | 15.53   | 15.32      | 1.75    | ppb   |
| Barium     | 137-1 | 15.61   | 15.90   | 15.91   | 15.81      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 108.59  | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 5.79    | 6.87    | 5.97    | 6.21       | 9.30    | ppb   |
| Boron      | 11-1  | 5.78    | 5.72    | 6.29    | 5.93       | 5.30    | ppb   |
| Cadmium    | 106-1 | -0.66   | -0.90   | -0.54   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.12    | 0.20    | 0.18       | 27.82   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | 0.00    | 0.00       | 944.57  | ppb   |
| Calcium    | 43-1  | 6326.69 | 6358.59 | 6384.57 | 6356.62    | 0.46    | ppb   |
| Calcium    | 44-1  | 6402.40 | 6458.72 | 6443.25 | 6434.79    | 0.45    | ppb   |
| Chromium   | 52-2  | 0.13    | 0.09    | 0.13    | 0.12       | 20.69   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.01       | 34.87   | ppb   |
| Copper     | 63-2  | 930.41  | 926.15  | 932.35  | 929.64     | 0.34    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 18.43   | 18.58   | 17.82   | 18.28      | 2.21    | ppb   |
| Iron       | 57-2  | 19.25   | 17.17   | 20.41   | 18.94      | 8.65    | ppb   |
| Lead       | 206-1 | 3.28    | 3.28    | 3.27    | 3.27       | 0.20    | ppb   |
| Lead       | 207-1 | 2.97    | 2.89    | 2.92    | 2.92       | 1.36    | ppb   |
| Lead       | 208-1 | 3.08    | 3.08    | 3.06    | 3.07       | 0.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1410.46 | 1397.04 | 1410.97 | 1406.16    | 0.56    | ppb   |
| Manganese  | 55-2  | 6.57    | 6.63    | 6.67    | 6.63       | 0.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRB1155.1B-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:35:40 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.05    | 0.04       | 16.74   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.09    | 0.09    | 0.08       | 25.09   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.08    | 0.07       | 15.31   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.07    | 0.08    | 0.07       | 12.95   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.08    | 0.09    | 0.08       | 6.59    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.02    | 2.88    | 2.90    | 2.93       | 2.61    | ppb   |
| Phosphorus | 31-2  | 383.42  | 329.68  | 365.38  | 359.49     | 7.61    | ppb   |
| Potassium  | 39-2  | 632.00  | 612.96  | 625.13  | 623.36     | 1.55    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.07    | -0.19   | -0.47   | -0.20      |         | ppb   |
| Selenium   | 82-1  | -0.21   | 0.16    | -0.42   | -0.16      |         | ppb   |
| Silicon    | 28-1  | 837.21  | 837.75  | 839.92  | 838.29     | 0.17    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.68   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 42.50   | ppb   |
| Sodium     | 23-2  | 9274.59 | 9169.01 | 9228.67 | 9224.09    | 0.57    | ppb   |
| Strontium  | 86-1  | 20.14   | 19.77   | 19.66   | 19.85      | 1.27    | ppb   |
| Strontium  | 88-1  | 20.40   | 20.37   | 20.25   | 20.34      | 0.40    | ppb   |
| Sulfur     | 34-1  | 194.17  | 266.38  | 306.92  | 255.82     | 22.32   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Tin        | 118-1 | 1.35    | 1.23    | 1.40    | 1.33       | 6.66    | ppb   |
| Titanium   | 47-1  | 0.18    | 0.21    | 0.23    | 0.21       | 11.00   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.02    | 0.03       | 23.74   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 320.50  | 319.37  | 319.76  | 319.87     | 0.18    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.13    | 0.02    | 0.06       | 109.33  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRB1155.1B-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:35:40 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 43.75   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-18 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1B-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:39:11 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.63    | 7.83    | 8.66    | 7.37       | 21.23   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.10    | 0.11    | 0.09       | 13.12   | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.32    | 0.34    | 0.33       | 4.21    | ppb   |
| Barium     | 135-1 | 14.60   | 14.56   | 14.44   | 14.53      | 0.59    | ppb   |
| Barium     | 137-1 | 15.04   | 14.52   | 14.50   | 14.68      | 2.10    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.03    | 0.01    | 0.01       | 111.81  | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 5.48    | 5.39    | 5.49    | 5.45       | 0.94    | ppb   |
| Boron      | 11-1  | 5.57    | 5.73    | 5.29    | 5.53       | 4.03    | ppb   |
| Cadmium    | 106-1 | -0.30   | -0.35   | -0.64   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.14    | 0.08    | 0.14       | 43.37   | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.04    | 0.02    | 0.03       | 37.85   | ppb   |
| Calcium    | 43-1  | 6406.02 | 6365.55 | 6369.17 | 6380.25    | 0.35    | ppb   |
| Calcium    | 44-1  | 6445.48 | 6501.64 | 6416.58 | 6454.57    | 0.67    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.04    | 0.06    | 0.05       | 16.61   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 34.24   | ppb   |
| Copper     | 63-2  | 429.67  | 432.59  | 431.00  | 431.09     | 0.34    | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 30.66   | 29.92   | 29.42   | 30.00      | 2.09    | ppb   |
| Iron       | 57-2  | 26.69   | 28.98   | 29.32   | 28.33      | 5.05    | ppb   |
| Lead       | 206-1 | 0.63    | 0.59    | 0.58    | 0.60       | 4.46    | ppb   |
| Lead       | 207-1 | 0.54    | 0.57    | 0.54    | 0.55       | 3.39    | ppb   |
| Lead       | 208-1 | 0.58    | 0.57    | 0.58    | 0.58       | 1.47    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1420.37 | 1440.01 | 1420.42 | 1426.94    | 0.79    | ppb   |
| Manganese  | 55-2  | 15.03   | 15.21   | 14.82   | 15.02      | 1.29    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-18 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1B-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:39:11 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.04    | 0.04    | 0.04       | 32.62   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.05    | 0.08    | 0.06       | 29.32   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.09    | 0.09    | 0.07       | 31.40   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.06    | 0.09    | 0.07       | 21.61   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.08    | 0.09    | 0.08       | 6.62    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.44    | 8.60    | 8.34    | 8.46       | 1.57    | ppb   |
| Phosphorus | 31-2  | 684.36  | 644.53  | 639.69  | 656.19     | 3.74    | ppb   |
| Potassium  | 39-2  | 617.68  | 618.54  | 621.85  | 619.36     | 0.36    | ppb   |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -0.27   | 0.12    | 0.12    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.75    | -0.92   | 0.91    | 0.25       | 407.89  | ppb   |
| Selenium   | 82-1  | 0.25    | -0.35   | -0.76   | -0.29      |         | ppb   |
| Silicon    | 28-1  | 849.55  | 863.48  | 847.36  | 853.46     | 1.02    | ppb   |
| Silver     | 109-1 | 0.07    | 0.08    | 0.07    | 0.07       | 10.97   | ppb   |
| Silver     | 107-1 | 0.06    | 0.08    | 0.08    | 0.07       | 10.11   | ppb   |
| Sodium     | 23-2  | 9231.95 | 9278.61 | 9221.83 | 9244.13    | 0.33    | ppb   |
| Strontium  | 86-1  | 19.04   | 19.15   | 18.90   | 19.03      | 0.66    | ppb   |
| Strontium  | 88-1  | 19.68   | 19.45   | 19.53   | 19.56      | 0.60    | ppb   |
| Sulfur     | 34-1  | 246.65  | 442.82  | 422.32  | 370.59     | 29.10   | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.80   | ppb   |
| Titanium   | 47-1  | 0.17    | 0.41    | 0.27    | 0.28       | 42.31   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.02    | 0.05    | 0.04       | 33.59   | ppb   |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 208.13  | 208.67  | 206.84  | 207.88     | 0.45    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 23.06   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1B-07; | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:39:11  | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.02    | 0.03       | 31.33   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-19 Instrumnet Name : P7  
 Client Sample ID : R44504HAB4428.1B-201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:42:42 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.81    | 4.35    | 8.67    | 5.94       | 39.91   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.09    | 0.10       | 7.22    | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.27    | 0.26    | 0.30       | 20.83   | ppb   |
| Barium     | 135-1 | 15.37   | 15.70   | 15.04   | 15.37      | 2.13    | ppb   |
| Barium     | 137-1 | 15.46   | 14.83   | 15.30   | 15.20      | 2.17    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 109.25  | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 5.70    | 5.37    | 6.25    | 5.77       | 7.69    | ppb   |
| Boron      | 11-1  | 5.45    | 5.71    | 5.58    | 5.58       | 2.29    | ppb   |
| Cadmium    | 106-1 | 0.01    | -1.36   | -0.32   | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.00    | 0.06    | 0.02       | 124.97  | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.11   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 6291.53 | 6264.22 | 6260.18 | 6271.98    | 0.27    | ppb   |
| Calcium    | 44-1  | 6410.96 | 6358.18 | 6407.01 | 6392.05    | 0.46    | ppb   |
| Chromium   | 52-2  | 0.13    | 0.12    | 0.15    | 0.13       | 12.16   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 37.27   | ppb   |
| Copper     | 63-2  | 386.24  | 384.28  | 389.60  | 386.71     | 0.70    | 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    | 165-2 |         |         |         | 102        |         | %     |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 42.50   | 42.74   | 43.00   | 42.75      | 0.59    | ppb   |
| Iron       | 57-2  | 41.76   | 43.95   | 42.88   | 42.86      | 2.55    | ppb   |
| Lead       | 206-1 | 0.14    | 0.19    | 0.16    | 0.16       | 14.95   | ppb   |
| Lead       | 207-1 | 0.12    | 0.14    | 0.15    | 0.14       | 10.65   | ppb   |
| Lead       | 208-1 | 0.14    | 0.16    | 0.16    | 0.15       | 7.66    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1405.27 | 1397.32 | 1419.11 | 1407.24    | 0.78    | ppb   |
| Manganese  | 55-2  | 12.72   | 12.59   | 12.87   | 12.73      | 1.11    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-19 Instrumnet Name : P7  
 Client Sample ID : R44504HAB4428.1B-201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:42:42 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.04    | 0.03       | 34.92   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.08    | 0.08    | 0.07       | 24.91   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.06    | 0.05       | 14.09   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.04    | 0.08    | 0.07       | 33.05   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.08    | 0.07       | 13.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.02    | 0.99    | 0.98    | 1.00       | 2.11    | ppb   |
| Phosphorus | 31-2  | 675.82  | 653.25  | 699.22  | 676.10     | 3.40    | ppb   |
| Potassium  | 39-2  | 614.98  | 633.46  | 632.36  | 626.94     | 1.65    | ppb   |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 0.52    | 0.52    | -0.27   | 0.26       | 176.77  | ppb   |
| Selenium   | 78-2  | -0.12   | 0.28    | -0.05   | 0.04       | 596.03  | ppb   |
| Selenium   | 82-1  | 0.17    | 0.77    | 0.36    | 0.43       | 71.27   | ppb   |
| Silicon    | 28-1  | 846.90  | 855.88  | 851.42  | 851.40     | 0.53    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.35   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 58.22   | ppb   |
| Sodium     | 23-2  | 9282.96 | 9268.99 | 9357.60 | 9303.18    | 0.51    | ppb   |
| Strontium  | 86-1  | 19.57   | 19.22   | 19.22   | 19.34      | 1.07    | ppb   |
| Strontium  | 88-1  | 19.66   | 19.54   | 19.45   | 19.55      | 0.53    | ppb   |
| Sulfur     | 34-1  | 212.43  | 328.76  | 371.31  | 304.17     | 27.04   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.24    | 0.30    | 0.28    | 0.27       | 11.34   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.04    | 0.03       | 27.54   | ppb   |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 17.54   | 17.23   | 17.91   | 17.56      | 1.96    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.68    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4428.1B-201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:42:42  | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.03    | 0.03       | 54.31   | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-20 Instrumnet Name : P7  
 Client Sample ID : R44504HAB4440.1B-202 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:46:14 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.50    | 4.32    | 3.54    | 4.45       | 22.20   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.23    | 0.21    | 0.22       | 6.22    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.27    | 0.29    | 0.30       | 8.94    | ppb   |
| Barium     | 135-1 | 14.14   | 13.45   | 14.43   | 14.01      | 3.56    | ppb   |
| Barium     | 137-1 | 13.82   | 13.88   | 13.77   | 13.83      | 0.40    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.01    | 0.01       | 126.41  | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 5.72    | 5.01    | 5.55    | 5.43       | 6.81    | ppb   |
| Boron      | 11-1  | 5.65    | 5.55    | 5.33    | 5.51       | 3.01    | ppb   |
| Cadmium    | 106-1 | 0.05    | 0.42    | -0.02   | 0.15       | 154.94  | ppb   |
| Cadmium    | 108-1 | 0.23    | 0.21    | 0.28    | 0.24       | 14.07   | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.12    | 0.08    | 0.09       | 23.38   | ppb   |
| Calcium    | 43-1  | 5840.00 | 5927.74 | 5910.31 | 5892.68    | 0.79    | ppb   |
| Calcium    | 44-1  | 5934.48 | 5997.33 | 6005.30 | 5979.04    | 0.65    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.10    | 0.11    | 0.11       | 6.23    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 5.43    | ppb   |
| Copper     | 63-2  | 753.36  | 758.07  | 766.16  | 759.20     | 0.85    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 14.91   | 14.47   | 14.88   | 14.75      | 1.68    | ppb   |
| Iron       | 57-2  | 14.85   | 14.19   | 14.45   | 14.50      | 2.29    | ppb   |
| Lead       | 206-1 | 2.27    | 2.10    | 2.20    | 2.19       | 3.99    | ppb   |
| Lead       | 207-1 | 2.05    | 1.92    | 2.03    | 2.00       | 3.37    | ppb   |
| Lead       | 208-1 | 2.13    | 2.06    | 2.09    | 2.09       | 1.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 1292.98 | 1297.84 | 1319.48 | 1303.44    | 1.08    | ppb   |
| Manganese  | 55-2  | 5.37    | 5.40    | 5.37    | 5.38       | 0.28    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4440.1B-202 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:46:14  | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.82   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.05    | 0.07    | 0.05       | 30.67   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.05    | 0.06    | 0.05       | 30.02   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.06    | 0.05    | 0.06       | 7.58    | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.06    | 0.07    | 0.06       | 30.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.61    | 1.53    | 1.59    | 1.57       | 2.66    | ppb   |
| Phosphorus | 31-2  | 344.09  | 297.41  | 338.29  | 326.60     | 7.79    | ppb   |
| Potassium  | 39-2  | 608.13  | 603.21  | 616.20  | 609.18     | 1.08    | ppb   |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.14    | 0.14    | 0.13    | 0.13       | 1.33    | ppb   |
| Selenium   | 78-2  | -0.11   | -0.03   | -0.19   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.04    | 0.06    | 0.73    | 0.28       | 141.47  | ppb   |
| Silicon    | 28-1  | 796.31  | 806.35  | 806.16  | 802.94     | 0.71    | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.05    | 0.04       | 14.13   | ppb   |
| Silver     | 107-1 | 0.05    | 0.04    | 0.05    | 0.05       | 4.94    | ppb   |
| Sodium     | 23-2  | 8960.00 | 9069.26 | 9161.29 | 9063.52    | 1.11    | ppb   |
| Strontium  | 86-1  | 18.31   | 18.11   | 18.00   | 18.14      | 0.85    | ppb   |
| Strontium  | 88-1  | 18.62   | 18.52   | 18.94   | 18.69      | 1.18    | ppb   |
| Sulfur     | 34-1  | 318.30  | 371.63  | 388.84  | 359.59     | 10.23   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.03    | 0.01       | 64.88   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.20    | 0.19    | 0.19       | 4.71    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.01    | 0.02    | 0.02       | 18.36   | ppb   |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 498.17  | 499.88  | 506.27  | 501.44     | 0.85    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 12.98   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4440.1B-202 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:46:14  | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 26.63   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9405.50  | 9564.34  | 9483.02  | 9484.29    | 0.84    | ppb   |
| Antimony   | 121-1 | 477.07   | 484.89   | 487.77   | 483.25     | 1.15    | ppb   |
| Arsenic    | 75-2  | 496.55   | 495.37   | 498.70   | 496.87     | 0.34    | ppb   |
| Barium     | 135-1 | 2442.60  | 2469.33  | 2472.33  | 2461.42    | 0.66    | ppb   |
| Barium     | 137-1 | 2455.91  | 2454.30  | 2474.14  | 2461.45    | 0.45    | ppb   |
| Beryllium  | 9-1   | 506.48   | 507.60   | 508.06   | 507.38     | 0.16    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 489.00   | 503.94   | 502.86   | 498.60     | 1.67    | ppb   |
| Boron      | 11-1  | 485.82   | 492.84   | 501.75   | 493.47     | 1.62    | ppb   |
| Cadmium    | 106-1 | 484.42   | 497.88   | 501.29   | 494.53     | 1.80    | ppb   |
| Cadmium    | 108-1 | 490.94   | 501.77   | 496.71   | 496.47     | 1.09    | ppb   |
| Cadmium    | 111-1 | 491.74   | 500.66   | 500.36   | 497.59     | 1.02    | ppb   |
| Calcium    | 43-1  | 47963.79 | 48121.21 | 47968.84 | 48017.95   | 0.19    | ppb   |
| Calcium    | 44-1  | 47850.52 | 47999.75 | 47875.59 | 47908.62   | 0.17    | ppb   |
| Chromium   | 52-2  | 496.30   | 502.04   | 497.63   | 498.66     | 0.60    | ppb   |
| Cobalt     | 59-2  | 502.26   | 512.91   | 506.24   | 507.14     | 1.06    | ppb   |
| Copper     | 63-2  | 1007.12  | 1018.93  | 1021.22  | 1015.75    | 0.74    | 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 |          |          |          | 98         |         | %     |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 24213.49 | 24398.94 | 24395.44 | 24335.95   | 0.44    | ppb   |
| Iron       | 57-2  | 23694.44 | 24127.47 | 24132.40 | 23984.77   | 1.05    | ppb   |
| Lead       | 206-1 | 495.70   | 494.88   | 500.99   | 497.19     | 0.67    | ppb   |
| Lead       | 207-1 | 490.63   | 489.24   | 493.66   | 491.17     | 0.46    | ppb   |
| Lead       | 208-1 | 492.48   | 491.17   | 492.76   | 492.14     | 0.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 48770.49 | 49909.20 | 48839.03 | 49172.91   | 1.30    | ppb   |
| Manganese  | 55-2  | 991.28   | 1002.12  | 994.67   | 996.03     | 0.56    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 489.96   | 495.40   | 492.53   | 492.63     | 0.55    | ppb   |
| Molybdenum | 95-1  | 489.12   | 493.02   | 489.58   | 490.57     | 0.43    | ppb   |
| Molybdenum | 96-1  | 494.44   | 491.12   | 494.45   | 493.34     | 0.39    | ppb   |
| Molybdenum | 97-1  | 489.46   | 489.17   | 491.29   | 489.97     | 0.23    | ppb   |
| Molybdenum | 98-1  | 485.12   | 485.35   | 487.79   | 486.09     | 0.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 502.00   | 506.57   | 506.31   | 504.96     | 0.51    | ppb   |
| Phosphorus | 31-2  | 9718.46  | 9981.68  | 9803.52  | 9834.55    | 1.37    | ppb   |
| Potassium  | 39-2  | 24418.88 | 24528.78 | 24312.27 | 24419.98   | 0.44    | ppb   |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 478.41   | 506.09   | 476.17   | 486.89     | 3.42    | ppb   |
| Selenium   | 78-2  | 491.10   | 491.16   | 501.48   | 494.58     | 1.21    | ppb   |
| Selenium   | 82-1  | 494.42   | 492.66   | 494.24   | 493.78     | 0.20    | ppb   |
| Silicon    | 28-1  | 619.86   | 624.81   | 618.40   | 621.03     | 0.54    | ppb   |
| Silver     | 109-1 | 497.34   | 499.82   | 498.53   | 498.56     | 0.25    | ppb   |
| Silver     | 107-1 | 500.54   | 500.07   | 496.27   | 498.96     | 0.47    | ppb   |
| Sodium     | 23-2  | 50906.05 | 51231.62 | 50993.18 | 51043.62   | 0.33    | ppb   |
| Strontium  | 86-1  | 490.06   | 495.25   | 492.44   | 492.59     | 0.53    | ppb   |
| Strontium  | 88-1  | 496.65   | 494.79   | 498.02   | 496.48     | 0.33    | ppb   |
| Sulfur     | 34-1  | 9387.96  | 9430.17  | 9265.81  | 9361.31    | 0.91    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 492.83   | 484.90   | 492.62   | 490.11     | 0.92    | ppb   |
| Thallium   | 205-1 | 499.55   | 488.90   | 495.29   | 494.58     | 1.08    | ppb   |
| Tin        | 118-1 | 485.17   | 490.85   | 492.44   | 489.49     | 0.78    | ppb   |
| Titanium   | 47-1  | 483.09   | 492.91   | 488.95   | 488.32     | 1.01    | ppb   |
| Uranium    | 238-1 | 490.83   | 479.92   | 477.68   | 482.81     | 1.46    | ppb   |
| Vanadium   | 51-2  | 492.19   | 498.24   | 496.62   | 495.68     | 0.63    | ppb   |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 1000.16  | 1013.80  | 1006.44  | 1006.80    | 0.68    | ppb   |
| Zirconium  | 90-1  | 491.31   | 490.41   | 491.11   | 490.95     | 0.10    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 486.61  | 492.33  | 490.41  | 489.79     | 0.59    | ppb   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : CCB092 Instrumnet Name : P7  
 Client Sample ID : CCB092 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 17:03:00 DataFile Name : 037CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | -0.36   | -0.21   | -0.26      |         | ppb   |
| Antimony   | 121-1 | 1.00    | 1.28    | 1.41    | 1.23       | 16.84   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.12    | 0.13    | 0.11       | 22.70   | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.00    | 0.00       | 190.36  | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.02    | 0.01       | 82.88   | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | 0.02    | 0.01       | 191.08  | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 3.05    | 2.98    | 3.23    | 3.09       | 4.21    | ppb   |
| Boron      | 11-1  | 2.81    | 2.62    | 2.73    | 2.72       | 3.52    | ppb   |
| Cadmium    | 106-1 | -0.46   | -0.87   | -0.97   | -0.77      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.02    | 0.01       | 155.66  | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 1.55    | 0.09    | 2.27    | 1.30       | 85.32   | ppb   |
| Calcium    | 44-1  | 1.78    | 1.31    | 1.47    | 1.52       | 15.90   | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.03    | 0.02       | 127.10  | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.05    | 0.05    | 0.06    | 0.05       | 12.33   | 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 |         |         |         | 97         |         | %     |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 0.63    | 0.50    | 0.47    | 0.53       | 15.65   | ppb   |
| Iron       | 57-2  | 0.80    | 0.65    | 0.32    | 0.59       | 41.61   | ppb   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.02    | 0.02       | 32.78   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.01    | 0.02       | 52.31   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.95   | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 0.65    | 0.66    | 0.37    | 0.56       | 29.71   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.02    | 0.01       | 39.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB092              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB092              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:03:00 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.09    | 0.12    | 0.10       | 18.72   | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.24    | 0.28    | 0.23       | 23.40   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.19    | 0.23    | 0.19       | 22.91   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.21    | 0.25    | 0.21       | 19.32   | ppb   |
| Molybdenum | 98-1  | 0.19    | 0.23    | 0.30    | 0.24       | 24.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.02    | 0.01    | 0.01       | 229.47  | ppb   |
| Phosphorus | 31-2  | -18.84  | -16.07  | -11.75  | -15.56     |         | ppb   |
| Potassium  | 39-2  | 1.79    | -4.64   | -2.52   | -1.79      |         | ppb   |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.15    | -0.13      |         | ppb   |
| Selenium   | 78-2  | -0.43   | -0.13   | -0.12   | -0.23      |         | ppb   |
| Selenium   | 82-1  | 0.18    | -0.10   | -0.54   | -0.15      |         | ppb   |
| Silicon    | 28-1  | -5.44   | -2.79   | -4.91   | -4.38      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.39   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 44.65   | ppb   |
| Sodium     | 23-2  | 7.06    | 6.60    | 6.54    | 6.73       | 4.25    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.01    | 0.00    | 0.00       | 174.33  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.02    | 0.01       | 19.18   | ppb   |
| Sulfur     | 34-1  | -653.90 | -533.82 | -598.67 | -595.47    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.87   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.26    | ppb   |
| Tin        | 118-1 | 0.09    | 0.10    | 0.12    | 0.10       | 15.80   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.02    | 0.02    | 0.03       | 46.88   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 175.92  | ppb   |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 0.00    | -0.04   | 0.10    | 0.02       | 348.66  | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.04       | 9.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB092              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB092              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:03:00 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.06    | 0.05       | 13.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 0.98     | 0.52     | 0.75     | 0.75       | 30.66   | ppb   |
| Antimony   | 121-1 | 0.41     | 0.43     | 0.49     | 0.44       | 9.48    | ppb   |
| Arsenic    | 75-2  | 108.40   | 108.87   | 108.61   | 108.63     | 0.22    | ppb   |
| Barium     | 135-1 | 20.40    | 20.67    | 20.87    | 20.65      | 1.15    | ppb   |
| Barium     | 137-1 | 20.90    | 21.03    | 20.72    | 20.88      | 0.76    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.02     | 0.06     | 0.03       | 92.75   | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 6.66     | 6.92     | 5.50     | 6.36       | 11.89   | ppb   |
| Boron      | 11-1  | 6.62     | 6.42     | 6.53     | 6.52       | 1.59    | ppb   |
| Cadmium    | 106-1 | -0.07    | 0.52     | -0.13    | 0.11       | 336.63  | ppb   |
| Cadmium    | 108-1 | -0.02    | -0.02    | 0.08     | 0.01       | 485.49  | ppb   |
| Cadmium    | 111-1 | 0.00     | 0.03     | -0.02    | 0.00       | 666.66  | ppb   |
| Calcium    | 43-1  | 31031.67 | 31232.30 | 31162.58 | 31142.18   | 0.33    | ppb   |
| Calcium    | 44-1  | 31395.17 | 31634.45 | 31510.62 | 31513.41   | 0.38    | ppb   |
| Chromium   | 52-2  | 0.41     | 0.40     | 0.36     | 0.39       | 7.52    | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.16     | 0.17     | 0.19     | 0.17       | 9.58    | 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 |          |          |          | 101        |         | %     |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 2.18     | 2.25     | 2.10     | 2.18       | 3.34    | ppb   |
| Iron       | 57-2  | 3.64     | 3.91     | 4.32     | 3.96       | 8.72    | ppb   |
| Lead       | 206-1 | 3.59     | 3.71     | 3.63     | 3.64       | 1.70    | ppb   |
| Lead       | 207-1 | 3.49     | 3.61     | 3.54     | 3.55       | 1.73    | ppb   |
| Lead       | 208-1 | 3.57     | 3.62     | 3.59     | 3.59       | 0.76    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 15179.24 | 15246.64 | 15264.81 | 15230.23   | 0.30    | ppb   |
| Manganese  | 55-2  | 1.53     | 1.54     | 1.66     | 1.58       | 4.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17    | 0.16    | 0.17    | 0.17       | 5.59    | ppb   |
| Molybdenum | 95-1  | 0.38    | 0.39    | 0.48    | 0.41       | 12.92   | ppb   |
| Molybdenum | 96-1  | 0.33    | 0.40    | 0.40    | 0.38       | 10.23   | ppb   |
| Molybdenum | 97-1  | 0.43    | 0.44    | 0.48    | 0.45       | 5.73    | ppb   |
| Molybdenum | 98-1  | 0.40    | 0.45    | 0.46    | 0.43       | 6.62    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.10    | 0.08    | 0.08       | 18.04   | ppb   |
| Phosphorus | 31-2  | 4.45    | 1.36    | 4.37    | 3.39       | 51.98   | ppb   |
| Potassium  | 39-2  | 2313.21 | 2309.88 | 2337.15 | 2320.08    | 0.64    | ppb   |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.14    | 0.94    | 0.95    | 0.67       | 69.24   | ppb   |
| Selenium   | 78-2  | -0.18   | -0.38   | 0.50    | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.79    | 0.47    | 0.78    | 0.68       | 26.17   | ppb   |
| Silicon    | 28-1  | 4349.00 | 4378.77 | 4346.62 | 4358.13    | 0.41    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 44.48   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 48.59   | ppb   |
| Sodium     | 23-2  | 2125.15 | 2110.82 | 2125.20 | 2120.39    | 0.39    | ppb   |
| Strontium  | 86-1  | 65.24   | 65.05   | 64.89   | 65.06      | 0.27    | ppb   |
| Strontium  | 88-1  | 66.93   | 66.29   | 66.23   | 66.48      | 0.59    | ppb   |
| Sulfur     | 34-1  | 4487.93 | 4745.13 | 4674.00 | 4635.68    | 2.87    | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.91   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.22   | ppb   |
| Tin        | 118-1 | 0.11    | 0.13    | 0.11    | 0.12       | 10.94   | ppb   |
| Titanium   | 47-1  | 0.14    | 0.17    | 0.21    | 0.17       | 20.45   | ppb   |
| Uranium    | 238-1 | 0.22    | 0.22    | 0.22    | 0.22       | 0.65    | ppb   |
| Vanadium   | 51-2  | 0.15    | 0.15    | 0.15    | 0.15       | 2.16    | ppb   |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 0.76    | 0.65    | 0.67    | 0.69       | 9.01    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.09    | 0.09    | 0.08       | 15.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.11    | 0.10    | 0.09       | 21.38   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9644.43  | 9425.07  | 9604.96  | 9558.15    | 1.22    | ppb   |
| Antimony   | 121-1 | 484.17   | 482.66   | 482.23   | 483.02     | 0.21    | ppb   |
| Arsenic    | 75-2  | 493.36   | 493.75   | 494.07   | 493.73     | 0.07    | ppb   |
| Barium     | 135-1 | 2444.65  | 2424.11  | 2440.36  | 2436.37    | 0.44    | ppb   |
| Barium     | 137-1 | 2469.73  | 2432.97  | 2448.43  | 2450.38    | 0.75    | ppb   |
| Beryllium  | 9-1   | 505.61   | 501.20   | 503.16   | 503.32     | 0.44    | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 487.12   | 484.64   | 493.05   | 488.27     | 0.88    | ppb   |
| Boron      | 11-1  | 477.26   | 483.19   | 495.68   | 485.37     | 1.94    | ppb   |
| Cadmium    | 106-1 | 495.23   | 507.55   | 493.33   | 498.70     | 1.55    | ppb   |
| Cadmium    | 108-1 | 491.61   | 497.69   | 499.48   | 496.26     | 0.83    | ppb   |
| Cadmium    | 111-1 | 497.85   | 503.62   | 500.33   | 500.60     | 0.58    | ppb   |
| Calcium    | 43-1  | 48348.60 | 48503.75 | 48120.83 | 48324.39   | 0.40    | ppb   |
| Calcium    | 44-1  | 47939.66 | 48057.12 | 47968.12 | 47988.30   | 0.13    | ppb   |
| Chromium   | 52-2  | 502.29   | 494.69   | 502.03   | 499.67     | 0.86    | ppb   |
| Cobalt     | 59-2  | 509.58   | 503.55   | 507.95   | 507.02     | 0.62    | ppb   |
| Copper     | 63-2  | 1022.39  | 1007.19  | 1017.14  | 1015.57    | 0.76    | 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 |          |          |          | 97         |         | %     |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 24535.55 | 24107.68 | 24319.63 | 24320.95   | 0.88    | ppb   |
| Iron       | 57-2  | 24000.23 | 23694.00 | 23940.60 | 23878.28   | 0.68    | ppb   |
| Lead       | 206-1 | 487.44   | 495.93   | 494.35   | 492.57     | 0.92    | ppb   |
| Lead       | 207-1 | 487.47   | 488.29   | 486.37   | 487.38     | 0.20    | ppb   |
| Lead       | 208-1 | 488.51   | 488.30   | 487.69   | 488.17     | 0.09    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 50119.12 | 49059.85 | 49557.49 | 49578.82   | 1.07    | ppb   |
| Manganese  | 55-2  | 993.30   | 983.08   | 998.46   | 991.62     | 0.79    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 491.63   | 495.48   | 493.82   | 493.64     | 0.39    | ppb   |
| Molybdenum | 95-1  | 490.28   | 495.72   | 494.31   | 493.44     | 0.57    | ppb   |
| Molybdenum | 96-1  | 490.52   | 497.27   | 496.03   | 494.61     | 0.73    | ppb   |
| Molybdenum | 97-1  | 491.04   | 494.29   | 492.87   | 492.73     | 0.33    | ppb   |
| Molybdenum | 98-1  | 489.44   | 491.24   | 488.55   | 489.74     | 0.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 507.58   | 500.53   | 506.54   | 504.88     | 0.75    | ppb   |
| Phosphorus | 31-2  | 9811.36  | 9632.79  | 9863.32  | 9769.16    | 1.24    | ppb   |
| Potassium  | 39-2  | 24437.23 | 24098.37 | 24467.15 | 24334.25   | 0.84    | ppb   |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 489.80   | 475.52   | 487.46   | 484.26     | 1.58    | ppb   |
| Selenium   | 78-2  | 485.72   | 491.68   | 505.49   | 494.30     | 2.05    | ppb   |
| Selenium   | 82-1  | 493.82   | 496.75   | 498.87   | 496.48     | 0.51    | ppb   |
| Silicon    | 28-1  | 642.52   | 651.09   | 640.59   | 644.73     | 0.87    | ppb   |
| Silver     | 109-1 | 503.38   | 503.04   | 495.51   | 500.64     | 0.89    | ppb   |
| Silver     | 107-1 | 498.10   | 495.07   | 496.12   | 496.43     | 0.31    | ppb   |
| Sodium     | 23-2  | 51238.28 | 50783.65 | 51453.28 | 51158.41   | 0.67    | ppb   |
| Strontium  | 86-1  | 491.44   | 493.62   | 495.47   | 493.51     | 0.41    | ppb   |
| Strontium  | 88-1  | 495.06   | 495.06   | 495.33   | 495.15     | 0.03    | ppb   |
| Sulfur     | 34-1  | 9668.77  | 9662.67  | 9345.74  | 9559.06    | 1.93    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 485.40   | 489.78   | 488.33   | 487.83     | 0.46    | ppb   |
| Thallium   | 205-1 | 482.89   | 488.50   | 487.14   | 486.18     | 0.60    | ppb   |
| Tin        | 118-1 | 490.05   | 490.73   | 492.04   | 490.94     | 0.21    | ppb   |
| Titanium   | 47-1  | 488.49   | 493.73   | 491.84   | 491.35     | 0.54    | ppb   |
| Uranium    | 238-1 | 485.03   | 486.37   | 481.66   | 484.35     | 0.50    | ppb   |
| Vanadium   | 51-2  | 494.68   | 491.89   | 498.04   | 494.87     | 0.62    | ppb   |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 1007.89  | 999.50   | 1010.60  | 1006.00    | 0.57    | ppb   |
| Zirconium  | 90-1  | 496.12   | 492.48   | 496.36   | 494.99     | 0.44    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 490.41  | 492.96  | 489.86  | 491.08     | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | 0.18    | 0.42    | 0.24       | 66.99   | ppb   |
| Antimony   | 121-1 | 1.13    | 1.32    | 1.61    | 1.35       | 17.57   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.18    | 0.25    | 0.20       | 20.85   | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.02    | 0.01       | 191.64  | ppb   |
| Barium     | 137-1 | 0.03    | 0.03    | 0.01    | 0.02       | 33.33   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.03    | 0.02       | 65.63   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 4.77    | 3.58    | 3.53    | 3.96       | 17.65   | ppb   |
| Boron      | 11-1  | 3.00    | 3.88    | 3.29    | 3.39       | 13.18   | ppb   |
| Cadmium    | 106-1 | -0.26   | 0.69    | -0.20   | 0.07       | 712.89  | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.02    | 0.00    | 0.00       | 2121.95 | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.04    | -0.02   | 0.00       | 1826.45 | ppb   |
| Calcium    | 43-1  | 0.14    | -3.36   | 0.17    | -1.02      |         | ppb   |
| Calcium    | 44-1  | -0.88   | -0.48   | 0.05    | -0.44      |         | ppb   |
| Chromium   | 52-2  | 0.01    | 0.01    | -0.01   | 0.00       | 237.83  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.03    | 0.03    | 0.02       | 34.53   | 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 |         |         |         | 96         |         | %     |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.63    | 0.49    | 0.45    | 0.53       | 17.39   | ppb   |
| Iron       | 57-2  | 0.75    | 0.85    | 0.99    | 0.86       | 13.91   | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.99    | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.02    | 0.02       | 26.56   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 0.16    | -0.02   | 0.44    | 0.19       | 119.89  | ppb   |
| Manganese  | 55-2  | 0.03    | 0.02    | 0.02    | 0.02       | 21.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10    | 0.10    | 0.12    | 0.11       | 11.62   | ppb   |
| Molybdenum | 95-1  | 0.23    | 0.25    | 0.38    | 0.29       | 28.66   | ppb   |
| Molybdenum | 96-1  | 0.18    | 0.24    | 0.29    | 0.24       | 24.93   | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.23    | 0.31    | 0.24       | 25.51   | ppb   |
| Molybdenum | 98-1  | 0.23    | 0.29    | 0.34    | 0.29       | 18.67   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -17.29  | -13.15  | -10.20  | -13.55     |         | ppb   |
| Potassium  | 39-2  | -1.63   | -1.78   | -3.67   | -2.36      |         | ppb   |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 1.00    | -0.27   | 0.15    | 0.30       | 218.90  | ppb   |
| Selenium   | 78-2  | -0.10   | 0.54    | 0.22    | 0.22       | 142.65  | ppb   |
| Selenium   | 82-1  | 0.56    | 0.01    | 0.55    | 0.37       | 83.38   | ppb   |
| Silicon    | 28-1  | -4.22   | -2.92   | -3.61   | -3.58      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.75   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 27.81   | ppb   |
| Sodium     | 23-2  | 7.51    | 5.52    | 5.08    | 6.04       | 21.47   | ppb   |
| Strontium  | 86-1  | 0.01    | -0.05   | 0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.01    | 0.01       | 19.45   | ppb   |
| Sulfur     | 34-1  | -663.91 | -543.30 | -631.98 | -613.07    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.42   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.38   | ppb   |
| Tin        | 118-1 | 0.11    | 0.11    | 0.17    | 0.13       | 24.45   | ppb   |
| Titanium   | 47-1  | -0.01   | 0.02    | 0.05    | 0.02       | 144.59  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 27.27   | ppb   |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | -0.03   | -0.11   | -0.04   | -0.06      |         | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.05    | 0.04       | 16.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 23.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 17       | 108      | 67       | 69.60  | cps   |
| Antimony   | 121-1 | 50       | 33       | 58       | 47       | 26.95  | cps   |
| Arsenic    | 75-2  | 13       | 7        | 24       | 15       | 57.27  | cps   |
| Barium     | 135-1 | 158      | 42       | 67       | 89       | 69.10  | cps   |
| Barium     | 137-1 | 125      | 117      | 192      | 144      | 28.46  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 0        | 11       | 100.00 | cps   |
| Bismuth    | 209-1 | 6723777  | 6690856  | 6691170  | 6701934  | 0.28   | cps   |
| Bismuth    | 209-2 | 4546861  | 4531601  | 4549999  | 4542821  | 0.22   | cps   |
| Boron      | 10-1  | 33       | 8        | 33       | 25       | 57.75  | cps   |
| Boron      | 11-1  | 175      | 183      | 225      | 194      | 13.78  | cps   |
| Cadmium    | 106-1 | 2125     | 2409     | 2067     | 2200     | 8.31   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 4        | 8        | 86.57  | cps   |
| Cadmium    | 111-1 | 1510     | 1695     | 1473     | 1559     | 7.64   | cps   |
| Calcium    | 43-1  | 333      | 450      | 492      | 425      | 19.31  | cps   |
| Calcium    | 44-1  | 19948    | 19564    | 19088    | 19533    | 2.20   | cps   |
| Chromium   | 52-2  | 877      | 993      | 837      | 902      | 9.02   | cps   |
| Cobalt     | 59-2  | 180      | 257      | 207      | 214      | 18.15  | cps   |
| Copper     | 63-2  | 543      | 483      | 530      | 519      | 6.07   | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Erbium     | 164-1 | 25       | 50       | 33       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Gadolinium | 160-2 | 23       | 23       | 20       | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 42       | 50       | 25       | 39       | 32.73  | cps   |
| Holmium    | 165-2 | 6365293  | 6369083  | 6338753  | 6357710  | 0.26   | cps   |
| Holmium    | 165-1 | 10902789 | 10721049 | 10722874 | 10782238 | 0.97   | cps   |
| Indium     | 115-1 | 8923013  | 8836696  | 8847576  | 8869095  | 0.53   | cps   |
| Indium     | 115-2 | 1912020  | 1912375  | 1918638  | 1914344  | 0.19   | cps   |
| Iron       | 56-2  | 4512     | 4534     | 4401     | 4482     | 1.59   | cps   |
| Iron       | 57-2  | 78       | 94       | 89       | 87       | 9.75   | cps   |
| Lead       | 206-1 | 817      | 778      | 783      | 793      | 2.65   | cps   |
| Lead       | 207-1 | 728      | 872      | 756      | 785      | 9.76   | cps   |
| Lead       | 208-1 | 3339     | 3450     | 3256     | 3348     | 2.91   | cps   |
| Lithium    | 6-1   | 300046   | 300984   | 298006   | 299679   | 0.51   | cps   |
| Magnesium  | 24-2  | 200      | 217      | 250      | 222      | 11.46  | cps   |
| Manganese  | 55-2  | 117      | 107      | 100      | 108      | 7.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 300      | 325      | 242      | 289      | 14.80  | cps   |
| Molybdenum | 95-1  | 100      | 100      | 100      | 100      | 0.01   | cps   |
| Molybdenum | 96-1  | 117      | 258      | 217      | 197      | 36.92  | cps   |
| Molybdenum | 97-1  | 100      | 75       | 167      | 114      | 41.61  | cps   |
| Molybdenum | 98-1  | 150      | 225      | 192      | 189      | 19.89  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 97       | 67       | 110      | 91       | 24.36  | cps   |
| Phosphorus | 31-2  | 142      | 100      | 108      | 117      | 18.90  | cps   |
| Potassium  | 39-2  | 29163    | 29255    | 29088    | 29168    | 0.29   | cps   |
| Rhodium    | 103-2 | 4625060  | 4650756  | 4628450  | 4634755  | 0.30   | cps   |
| Rhodium    | 103-1 | 8493269  | 8415722  | 8337076  | 8415356  | 0.93   | cps   |
| Scandium   | 45-1  | 5653215  | 5612106  | 5661870  | 5642397  | 0.47   | cps   |
| Scandium   | 45-2  | 281115   | 282885   | 283823   | 282608   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 80       | 81       | 98       | 86       | 11.80  | cps   |
| Selenium   | 82-1  | -17      | 35       | 126      | 48       | 150.73 | cps   |
| Silicon    | 28-1  | 529517   | 524932   | 530113   | 528188   | 0.54   | cps   |
| Silver     | 109-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Silver     | 107-1 | 58       | 108      | 67       | 78       | 34.44  | cps   |
| Sodium     | 23-2  | 21149    | 20515    | 20999    | 20887    | 1.59   | cps   |
| Strontium  | 86-1  | 1050     | 1108     | 1225     | 1128     | 7.90   | cps   |
| Strontium  | 88-1  | 183      | 308      | 267      | 253      | 25.18  | cps   |
| Sulfur     | 34-1  | 334851   | 338290   | 337767   | 336969   | 0.55   | cps   |
| Terbium    | 159-1 | 11424644 | 11367190 | 11368178 | 11386670 | 0.29   | cps   |
| Terbium    | 159-2 | 6379853  | 6395252  | 6294774  | 6356627  | 0.85   | cps   |
| Thallium   | 203-1 | 133      | 175      | 83       | 131      | 35.15  | cps   |
| Thallium   | 205-1 | 358      | 292      | 233      | 294      | 21.24  | cps   |
| Tin        | 118-1 | 833      | 950      | 1100     | 961      | 13.91  | cps   |
| Titanium   | 47-1  | 142      | 108      | 100      | 117      | 18.90  | cps   |
| Uranium    | 238-1 | 517      | 492      | 517      | 508      | 2.84   | cps   |
| Vanadium   | 51-2  | 37       | 33       | 23       | 31       | 22.31  | cps   |
| Yttrium    | 89-2  | 1552904  | 1566615  | 1564988  | 1561503  | 0.48   | cps   |
| Yttrium    | 89-1  | 9688608  | 9699964  | 9660654  | 9683075  | 0.21   | cps   |
| Zinc       | 66-2  | 227      | 233      | 223      | 228      | 2.24   | cps   |
| Zirconium  | 90-1  | 575      | 558      | 425      | 519      | 15.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:16:20 | DataFile Name :   | 002CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 125  | 50   | 89      | 42.28  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2009     | 2259     | 1934     | 2067     | 8.23   | cps   |
| Antimony   | 121-1 | 22176    | 21292    | 22369    | 21946    | 2.62   | cps   |
| Arsenic    | 75-2  | 487      | 504      | 454      | 481      | 5.29   | cps   |
| Barium     | 135-1 | 27470    | 26668    | 26769    | 26969    | 1.62   | cps   |
| Barium     | 137-1 | 46696    | 46663    | 48276    | 47212    | 1.95   | cps   |
| Beryllium  | 9-1   | 922      | 989      | 961      | 957      | 3.50   | cps   |
| Bismuth    | 209-1 | 6620498  | 6626871  | 6630111  | 6625827  | 0.07   | cps   |
| Bismuth    | 209-2 | 4484556  | 4529806  | 4541883  | 4518748  | 0.67   | cps   |
| Boron      | 10-1  | 3851     | 3526     | 3442     | 3606     | 5.99   | cps   |
| Boron      | 11-1  | 19096    | 20106    | 19330    | 19511    | 2.71   | cps   |
| Cadmium    | 106-1 | 2567     | 2484     | 2642     | 2564     | 3.09   | cps   |
| Cadmium    | 108-1 | 225      | 188      | 204      | 206      | 9.14   | cps   |
| Cadmium    | 111-1 | 4094     | 4212     | 4336     | 4214     | 2.87   | cps   |
| Calcium    | 43-1  | 16844    | 16968    | 16785    | 16866    | 0.56   | cps   |
| Calcium    | 44-1  | 285295   | 283664   | 281644   | 283534   | 0.65   | cps   |
| Chromium   | 52-2  | 9256     | 9433     | 9406     | 9365     | 1.02   | cps   |
| Cobalt     | 59-2  | 6775     | 6838     | 6918     | 6844     | 1.05   | cps   |
| Copper     | 63-2  | 10501    | 10327    | 10411    | 10413    | 0.83   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Erbium     | 164-1 | 42       | 92       | 50       | 61       | 43.83  | cps   |
| Erbium     | 164-2 | 23       | 20       | 30       | 24       | 20.83  | cps   |
| Gadolinium | 160-2 | 23       | 33       | 37       | 31       | 22.31  | cps   |
| Gadolinium | 160-1 | 42       | 25       | 33       | 33       | 25.00  | cps   |
| Holmium    | 165-2 | 6271461  | 6319166  | 6383160  | 6324595  | 0.89   | cps   |
| Holmium    | 165-1 | 10699057 | 10688996 | 10708303 | 10698785 | 0.09   | cps   |
| Indium     | 115-1 | 8756898  | 8807185  | 8816330  | 8793471  | 0.36   | cps   |
| Indium     | 115-2 | 1883762  | 1892580  | 1896577  | 1890973  | 0.35   | cps   |
| Iron       | 56-2  | 165947   | 167947   | 166870   | 166921   | 0.60   | cps   |
| Iron       | 57-2  | 3795     | 4223     | 4217     | 4078     | 6.02   | cps   |
| Lead       | 206-1 | 8631     | 8742     | 8414     | 8596     | 1.94   | cps   |
| Lead       | 207-1 | 8075     | 7764     | 8164     | 8001     | 2.63   | cps   |
| Lead       | 208-1 | 35592    | 35603    | 35558    | 35584    | 0.07   | cps   |
| Lithium    | 6-1   | 302286   | 302285   | 308110   | 304227   | 1.11   | cps   |
| Magnesium  | 24-2  | 129354   | 129028   | 128799   | 129060   | 0.22   | cps   |
| Manganese  | 55-2  | 2324     | 2360     | 2400     | 2361     | 1.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 21751    | 20966    | 21008    | 21241    | 2.08   | cps   |
| Molybdenum | 95-1  | 27920    | 26634    | 27895    | 27483    | 2.68   | cps   |
| Molybdenum | 96-1  | 30700    | 29615    | 29440    | 29918    | 2.28   | cps   |
| Molybdenum | 97-1  | 17211    | 17111    | 17127    | 17150    | 0.31   | cps   |
| Molybdenum | 98-1  | 44379    | 43141    | 43217    | 43579    | 1.59   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2070     | 1903     | 1987     | 1987     | 4.19   | cps   |
| Phosphorus | 31-2  | 233      | 275      | 283      | 264      | 10.15  | cps   |
| Potassium  | 39-2  | 154967   | 155482   | 155490   | 155313   | 0.19   | cps   |
| Rhodium    | 103-2 | 4568366  | 4610881  | 4614894  | 4598047  | 0.56   | cps   |
| Rhodium    | 103-1 | 8343061  | 8498130  | 8384318  | 8408503  | 0.96   | cps   |
| Scandium   | 45-1  | 5664473  | 5617871  | 5605003  | 5629116  | 0.56   | cps   |
| Scandium   | 45-2  | 279335   | 281362   | 281270   | 280655   | 0.41   | cps   |
| Selenium   | 77-2  | 50       | 47       | 40       | 46       | 11.18  | cps   |
| Selenium   | 78-2  | 222      | 202      | 233      | 219      | 7.29   | cps   |
| Selenium   | 82-1  | 984      | 842      | 846      | 891      | 9.05   | cps   |
| Silicon    | 28-1  | 556333   | 554355   | 554380   | 555022   | 0.20   | cps   |
| Silver     | 109-1 | 16252    | 16277    | 16944    | 16491    | 2.38   | cps   |
| Silver     | 107-1 | 16819    | 18229    | 17729    | 17592    | 4.06   | cps   |
| Sodium     | 23-2  | 260773   | 260372   | 265221   | 262122   | 1.03   | cps   |
| Strontium  | 86-1  | 4709     | 4701     | 4834     | 4748     | 1.57   | cps   |
| Strontium  | 88-1  | 32855    | 33715    | 34159    | 33576    | 1.97   | cps   |
| Sulfur     | 34-1  | 337078   | 337980   | 336983   | 337347   | 0.16   | cps   |
| Terbium    | 159-1 | 11374251 | 11384242 | 11199408 | 11319300 | 0.92   | cps   |
| Terbium    | 159-2 | 6287819  | 6357185  | 6355008  | 6333337  | 0.62   | cps   |
| Thallium   | 203-1 | 9746     | 9687     | 9862     | 9765     | 0.91   | cps   |
| Thallium   | 205-1 | 24306    | 23889    | 23521    | 23906    | 1.64   | cps   |
| Tin        | 118-1 | 44981    | 46311    | 44973    | 45422    | 1.69   | cps   |
| Titanium   | 47-1  | 7752     | 8036     | 7827     | 7872     | 1.87   | cps   |
| Uranium    | 238-1 | 35792    | 36202    | 36168    | 36054    | 0.63   | cps   |
| Vanadium   | 51-2  | 15809    | 16102    | 16383    | 16098    | 1.78   | cps   |
| Yttrium    | 89-2  | 1542192  | 1561758  | 1554647  | 1552866  | 0.64   | cps   |
| Yttrium    | 89-1  | 9589244  | 9767167  | 9790619  | 9715677  | 1.13   | cps   |
| Zinc       | 66-2  | 1507     | 1490     | 1560     | 1519     | 2.41   | cps   |
| Zirconium  | 90-1  | 16260    | 16068    | 14741    | 15690    | 5.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:24:50 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3651 | 3309 | 3484 | 3481    | 4.91   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P7  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 14:28:42 DataFile Name : 005CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 106226   | 108509   | 105772   | 106836   | 1.37   | cps   |
| Antimony   | 121-1 | 557340   | 549534   | 540778   | 549217   | 1.51   | cps   |
| Arsenic    | 75-2  | 22364    | 22866    | 23070    | 22767    | 1.60   | cps   |
| Barium     | 135-1 | 721852   | 724717   | 714133   | 720234   | 0.76   | cps   |
| Barium     | 137-1 | 1248526  | 1251294  | 1248926  | 1249582  | 0.12   | cps   |
| Beryllium  | 9-1   | 48768    | 50200    | 49509    | 49492    | 1.45   | cps   |
| Bismuth    | 209-1 | 6631378  | 6668809  | 6680016  | 6660067  | 0.38   | cps   |
| Bismuth    | 209-2 | 4512568  | 4528356  | 4541625  | 4527516  | 0.32   | cps   |
| Boron      | 10-1  | 7119     | 7636     | 7294     | 7349     | 3.58   | cps   |
| Boron      | 11-1  | 40021    | 41541    | 41207    | 40923    | 1.95   | cps   |
| Cadmium    | 106-1 | 16594    | 16560    | 16235    | 16463    | 1.20   | cps   |
| Cadmium    | 108-1 | 9574     | 9950     | 9966     | 9830     | 2.25   | cps   |
| Cadmium    | 111-1 | 140741   | 140496   | 140696   | 140644   | 0.09   | cps   |
| Calcium    | 43-1  | 174509   | 174720   | 173261   | 174163   | 0.45   | cps   |
| Calcium    | 44-1  | 2843477  | 2826887  | 2814500  | 2828288  | 0.51   | cps   |
| Chromium   | 52-2  | 212065   | 215352   | 211287   | 212901   | 1.01   | cps   |
| Cobalt     | 59-2  | 352229   | 352145   | 355376   | 353250   | 0.52   | cps   |
| Copper     | 63-2  | 516622   | 518259   | 515804   | 516895   | 0.24   | cps   |
| Dysprosium | 156-2 | 13       | 0        | 3        | 6        | 124.93 | cps   |
| Dysprosium | 156-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Erbium     | 164-1 | 25       | 58       | 67       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 27       | 23       | 13       | 21       | 32.88  | cps   |
| Gadolinium | 160-2 | 30       | 23       | 33       | 29       | 17.63  | cps   |
| Gadolinium | 160-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Holmium    | 165-2 | 6308175  | 6387688  | 6340705  | 6345523  | 0.63   | cps   |
| Holmium    | 165-1 | 10756661 | 10684588 | 10874293 | 10771848 | 0.89   | cps   |
| Indium     | 115-1 | 8827370  | 8710318  | 8796273  | 8777987  | 0.69   | cps   |
| Indium     | 115-2 | 1871564  | 1886122  | 1888265  | 1881984  | 0.48   | cps   |
| Iron       | 56-2  | 8621309  | 8607301  | 8636661  | 8621757  | 0.17   | cps   |
| Iron       | 57-2  | 211720   | 212302   | 212724   | 212249   | 0.24   | cps   |
| Lead       | 206-1 | 418086   | 420466   | 420287   | 419613   | 0.32   | cps   |
| Lead       | 207-1 | 386596   | 388925   | 388931   | 388150   | 0.35   | cps   |
| Lead       | 208-1 | 1722732  | 1730372  | 1729018  | 1727374  | 0.24   | cps   |
| Lithium    | 6-1   | 302375   | 304469   | 302380   | 303074   | 0.40   | cps   |
| Magnesium  | 24-2  | 1331627  | 1338916  | 1325514  | 1332019  | 0.50   | cps   |
| Manganese  | 55-2  | 225405   | 223789   | 226075   | 225090   | 0.52   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:28:42 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 546052   | 542818   | 541203   | 543358   | 0.45   | cps   |
| Molybdenum | 95-1  | 294581   | 291102   | 289792   | 291825   | 0.85   | cps   |
| Molybdenum | 96-1  | 377282   | 373213   | 377806   | 376100   | 0.67   | cps   |
| Molybdenum | 97-1  | 182074   | 182105   | 180638   | 181606   | 0.46   | cps   |
| Molybdenum | 98-1  | 470387   | 468659   | 469470   | 469506   | 0.18   | cps   |
| Neodymium  | 150-1 | 13       | 47       | 47       | 36       | 54.14  | cps   |
| Neodymium  | 150-2 | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 95710    | 94962    | 95548    | 95407    | 0.41   | cps   |
| Phosphorus | 31-2  | 6227     | 5818     | 5926     | 5990     | 3.53   | cps   |
| Potassium  | 39-2  | 702705   | 694661   | 695431   | 697599   | 0.64   | cps   |
| Rhodium    | 103-2 | 4547414  | 4562137  | 4557426  | 4555659  | 0.17   | cps   |
| Rhodium    | 103-1 | 8426672  | 8308498  | 8375159  | 8370110  | 0.71   | cps   |
| Scandium   | 45-1  | 5663436  | 5571866  | 5551184  | 5595495  | 1.07   | cps   |
| Scandium   | 45-2  | 277261   | 278218   | 277817   | 277766   | 0.17   | cps   |
| Selenium   | 77-2  | 350      | 430      | 363      | 381      | 11.25  | cps   |
| Selenium   | 78-2  | 1437     | 1448     | 1356     | 1414     | 3.58   | cps   |
| Selenium   | 82-1  | 8513     | 8454     | 8388     | 8452     | 0.74   | cps   |
| Silicon    | 28-1  | 849939   | 843706   | 850005   | 847883   | 0.43   | cps   |
| Silver     | 109-1 | 682523   | 688400   | 688546   | 686490   | 0.50   | cps   |
| Silver     | 107-1 | 717248   | 718570   | 712991   | 716270   | 0.41   | cps   |
| Sodium     | 23-2  | 2586759  | 2583221  | 2593608  | 2587863  | 0.20   | cps   |
| Strontium  | 86-1  | 215163   | 215503   | 215604   | 215423   | 0.11   | cps   |
| Strontium  | 88-1  | 1863738  | 1876981  | 1884219  | 1874980  | 0.55   | cps   |
| Sulfur     | 34-1  | 375174   | 376903   | 372291   | 374789   | 0.62   | cps   |
| Terbium    | 159-1 | 11354471 | 11199296 | 11312464 | 11288743 | 0.71   | cps   |
| Terbium    | 159-2 | 6376576  | 6369543  | 6397748  | 6381289  | 0.23   | cps   |
| Thallium   | 203-1 | 520619   | 518015   | 516978   | 518537   | 0.36   | cps   |
| Thallium   | 205-1 | 1241837  | 1249266  | 1250493  | 1247199  | 0.38   | cps   |
| Tin        | 118-1 | 476727   | 476307   | 475595   | 476210   | 0.12   | cps   |
| Titanium   | 47-1  | 85918    | 84308    | 86553    | 85593    | 1.35   | cps   |
| Uranium    | 238-1 | 1788534  | 1831971  | 1802478  | 1807661  | 1.23   | cps   |
| Vanadium   | 51-2  | 170969   | 174319   | 171429   | 172239   | 1.05   | cps   |
| Yttrium    | 89-2  | 1543362  | 1535872  | 1541985  | 1540406  | 0.26   | cps   |
| Yttrium    | 89-1  | 9568261  | 9618363  | 9640718  | 9609114  | 0.39   | cps   |
| Zinc       | 66-2  | 63769    | 63286    | 62885    | 63313    | 0.70   | cps   |
| Zirconium  | 90-1  | 1050359  | 1058572  | 1054853  | 1054595  | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:28:42 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 231528 | 233067 | 233517 | 232704  | 0.45   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P7  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 14:32:43 DataFile Name : 006CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 266086   | 266054   | 264278   | 265473   | 0.39   | cps   |
| Antimony   | 121-1 | 1372974  | 1370490  | 1367301  | 1370255  | 0.21   | cps   |
| Arsenic    | 75-2  | 56505    | 57067    | 57188    | 56920    | 0.64   | cps   |
| Barium     | 135-1 | 1803896  | 1799419  | 1804635  | 1802650  | 0.16   | cps   |
| Barium     | 137-1 | 3131598  | 3142957  | 3146594  | 3140383  | 0.25   | cps   |
| Beryllium  | 9-1   | 121711   | 120637   | 122373   | 121574   | 0.72   | cps   |
| Bismuth    | 209-1 | 6607306  | 6619815  | 6661619  | 6629580  | 0.43   | cps   |
| Bismuth    | 209-2 | 4422643  | 4452303  | 4479919  | 4451622  | 0.64   | cps   |
| Boron      | 10-1  | 17903    | 18420    | 19413    | 18579    | 4.13   | cps   |
| Boron      | 11-1  | 99442    | 101490   | 103670   | 101534   | 2.08   | cps   |
| Cadmium    | 106-1 | 37200    | 38503    | 38019    | 37907    | 1.74   | cps   |
| Cadmium    | 108-1 | 24522    | 24171    | 24726    | 24473    | 1.15   | cps   |
| Cadmium    | 111-1 | 342682   | 349730   | 351651   | 348021   | 1.36   | cps   |
| Calcium    | 43-1  | 435263   | 431892   | 429373   | 432176   | 0.68   | cps   |
| Calcium    | 44-1  | 6947413  | 6957728  | 6893819  | 6932987  | 0.49   | cps   |
| Chromium   | 52-2  | 524579   | 530249   | 531043   | 528624   | 0.67   | cps   |
| Cobalt     | 59-2  | 878410   | 881026   | 879846   | 879760   | 0.15   | cps   |
| Copper     | 63-2  | 1278365  | 1290945  | 1286451  | 1285253  | 0.50   | cps   |
| Dysprosium | 156-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Dysprosium | 156-1 | 50       | 25       | 33       | 36       | 35.25  | cps   |
| Erbium     | 164-1 | 83       | 17       | 42       | 47       | 71.32  | cps   |
| Erbium     | 164-2 | 30       | 27       | 27       | 28       | 6.92   | cps   |
| Gadolinium | 160-2 | 43       | 30       | 37       | 37       | 18.18  | cps   |
| Gadolinium | 160-1 | 92       | 42       | 50       | 61       | 43.83  | cps   |
| Holmium    | 165-2 | 6265847  | 6234868  | 6313874  | 6271530  | 0.63   | cps   |
| Holmium    | 165-1 | 10593582 | 10721389 | 10678753 | 10664575 | 0.61   | cps   |
| Indium     | 115-1 | 8588914  | 8659477  | 8634321  | 8627571  | 0.41   | cps   |
| Indium     | 115-2 | 1836605  | 1851109  | 1845650  | 1844455  | 0.40   | cps   |
| Iron       | 56-2  | 21155760 | 21372928 | 21311365 | 21280017 | 0.53   | cps   |
| Iron       | 57-2  | 518209   | 524730   | 528266   | 523735   | 0.97   | cps   |
| Lead       | 206-1 | 1050719  | 1054315  | 1067366  | 1057467  | 0.83   | cps   |
| Lead       | 207-1 | 969218   | 977246   | 965188   | 970551   | 0.63   | cps   |
| Lead       | 208-1 | 4320501  | 4345032  | 4345588  | 4337040  | 0.33   | cps   |
| Lithium    | 6-1   | 304254   | 308056   | 306699   | 306336   | 0.63   | cps   |
| Magnesium  | 24-2  | 3347236  | 3334510  | 3344888  | 3342212  | 0.20   | cps   |
| Manganese  | 55-2  | 552891   | 558874   | 556540   | 556102   | 0.54   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:32:43 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1385021  | 1385713  | 1381486  | 1384073  | 0.16   | cps   |
| Molybdenum | 95-1  | 743560   | 743807   | 734381   | 740583   | 0.73   | cps   |
| Molybdenum | 96-1  | 956830   | 953049   | 945040   | 951639   | 0.63   | cps   |
| Molybdenum | 97-1  | 463797   | 458764   | 458428   | 460330   | 0.65   | cps   |
| Molybdenum | 98-1  | 1196663  | 1192407  | 1188650  | 1192573  | 0.34   | cps   |
| Neodymium  | 150-1 | 73       | 73       | 80       | 76       | 5.09   | cps   |
| Neodymium  | 150-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Nickel     | 60-2  | 234608   | 235518   | 237129   | 235752   | 0.54   | cps   |
| Phosphorus | 31-2  | 14257    | 14725    | 14599    | 14527    | 1.66   | cps   |
| Potassium  | 39-2  | 1689366  | 1697064  | 1701874  | 1696101  | 0.37   | cps   |
| Rhodium    | 103-2 | 4466156  | 4489027  | 4492539  | 4482574  | 0.32   | cps   |
| Rhodium    | 103-1 | 8129594  | 8183946  | 8164569  | 8159370  | 0.34   | cps   |
| Scandium   | 45-1  | 5506733  | 5536438  | 5515630  | 5519600  | 0.28   | cps   |
| Scandium   | 45-2  | 271798   | 274868   | 273646   | 273437   | 0.57   | cps   |
| Selenium   | 77-2  | 973      | 933      | 907      | 938      | 3.58   | cps   |
| Selenium   | 78-2  | 3421     | 3391     | 3487     | 3433     | 1.44   | cps   |
| Selenium   | 82-1  | 21024    | 21159    | 21104    | 21095    | 0.32   | cps   |
| Silicon    | 28-1  | 1333251  | 1334295  | 1330348  | 1332631  | 0.15   | cps   |
| Silver     | 109-1 | 1701662  | 1712931  | 1715092  | 1709895  | 0.42   | cps   |
| Silver     | 107-1 | 1774091  | 1781143  | 1769752  | 1774995  | 0.32   | cps   |
| Sodium     | 23-2  | 6333354  | 6322840  | 6282884  | 6313026  | 0.42   | cps   |
| Strontium  | 86-1  | 526946   | 531759   | 532161   | 530289   | 0.55   | cps   |
| Strontium  | 88-1  | 4677328  | 4696729  | 4677096  | 4683718  | 0.24   | cps   |
| Sulfur     | 34-1  | 429350   | 430046   | 427391   | 428929   | 0.32   | cps   |
| Terbium    | 159-1 | 11278034 | 11248779 | 11226137 | 11250983 | 0.23   | cps   |
| Terbium    | 159-2 | 6256454  | 6304931  | 6322052  | 6294479  | 0.54   | cps   |
| Thallium   | 203-1 | 1295810  | 1294311  | 1304831  | 1298317  | 0.44   | cps   |
| Thallium   | 205-1 | 3131737  | 3159761  | 3149751  | 3147083  | 0.45   | cps   |
| Tin        | 118-1 | 1187839  | 1193575  | 1199538  | 1193651  | 0.49   | cps   |
| Titanium   | 47-1  | 209043   | 213396   | 210109   | 210849   | 1.08   | cps   |
| Uranium    | 238-1 | 4586861  | 4612013  | 4652701  | 4617192  | 0.72   | cps   |
| Vanadium   | 51-2  | 425202   | 429687   | 431540   | 428809   | 0.76   | cps   |
| Yttrium    | 89-2  | 1513523  | 1520643  | 1520022  | 1518063  | 0.26   | cps   |
| Yttrium    | 89-1  | 9482296  | 9426289  | 9351719  | 9420101  | 0.70   | cps   |
| Zinc       | 66-2  | 155793   | 156603   | 156268   | 156221   | 0.26   | cps   |
| Zirconium  | 90-1  | 2656351  | 2678382  | 2677565  | 2670766  | 0.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:32:43 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 591171 | 589186 | 589583 | 589980  | 0.18   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 531370   | 532838   | 528869   | 531026   | 0.38   | cps   |
| Antimony   | 121-1 | 2917435  | 2902747  | 2901401  | 2907194  | 0.31   | cps   |
| Arsenic    | 75-2  | 112831   | 113514   | 113065   | 113137   | 0.31   | cps   |
| Barium     | 135-1 | 3651480  | 3625433  | 3673871  | 3650261  | 0.66   | cps   |
| Barium     | 137-1 | 6243187  | 6355864  | 6266740  | 6288597  | 0.95   | cps   |
| Beryllium  | 9-1   | 243513   | 244877   | 243377   | 243922   | 0.34   | cps   |
| Bismuth    | 209-1 | 6586794  | 6642890  | 6678089  | 6635924  | 0.69   | cps   |
| Bismuth    | 209-2 | 4424690  | 4465545  | 4475293  | 4455176  | 0.60   | cps   |
| Boron      | 10-1  | 35985    | 36829    | 37949    | 36921    | 2.67   | cps   |
| Boron      | 11-1  | 198184   | 203846   | 205596   | 202542   | 1.91   | cps   |
| Cadmium    | 106-1 | 72628    | 73885    | 74688    | 73734    | 1.41   | cps   |
| Cadmium    | 108-1 | 48345    | 49039    | 50205    | 49196    | 1.91   | cps   |
| Cadmium    | 111-1 | 687341   | 694125   | 695796   | 692420   | 0.65   | cps   |
| Calcium    | 43-1  | 860119   | 865221   | 870560   | 865300   | 0.60   | cps   |
| Calcium    | 44-1  | 13703311 | 13738533 | 13926053 | 13789299 | 0.87   | cps   |
| Chromium   | 52-2  | 1051584  | 1059224  | 1044989  | 1051932  | 0.68   | cps   |
| Cobalt     | 59-2  | 1743893  | 1745228  | 1751097  | 1746739  | 0.22   | cps   |
| Copper     | 63-2  | 2551176  | 2555770  | 2544953  | 2550633  | 0.21   | cps   |
| Dysprosium | 156-2 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Dysprosium | 156-1 | 25       | 100      | 33       | 53       | 77.89  | cps   |
| Erbium     | 164-1 | 75       | 33       | 67       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 13       | 17       | 23       | 18       | 28.64  | cps   |
| Gadolinium | 160-2 | 50       | 23       | 37       | 37       | 36.37  | cps   |
| Gadolinium | 160-1 | 83       | 58       | 50       | 64       | 27.15  | cps   |
| Holmium    | 165-2 | 6285468  | 6347534  | 6296953  | 6309985  | 0.52   | cps   |
| Holmium    | 165-1 | 10671887 | 10701142 | 10564701 | 10645910 | 0.67   | cps   |
| Indium     | 115-1 | 8558023  | 8560287  | 8613323  | 8577211  | 0.36   | cps   |
| Indium     | 115-2 | 1839497  | 1849600  | 1826392  | 1838496  | 0.63   | cps   |
| Iron       | 56-2  | 42371027 | 42575529 | 42477669 | 42474742 | 0.24   | cps   |
| Iron       | 57-2  | 1042870  | 1048131  | 1044205  | 1045069  | 0.26   | cps   |
| Lead       | 206-1 | 2102132  | 2123258  | 2144084  | 2123158  | 0.99   | cps   |
| Lead       | 207-1 | 1940494  | 1959556  | 1970960  | 1957003  | 0.79   | cps   |
| Lead       | 208-1 | 8656460  | 8746796  | 8805662  | 8736306  | 0.86   | cps   |
| Lithium    | 6-1   | 304830   | 306186   | 307029   | 306015   | 0.36   | cps   |
| Magnesium  | 24-2  | 6593813  | 6566013  | 6501287  | 6553704  | 0.72   | cps   |
| Manganese  | 55-2  | 1107583  | 1110073  | 1107113  | 1108256  | 0.14   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2760997  | 2798332  | 2784740  | 2781356  | 0.68   | cps   |
| Molybdenum | 95-1  | 1493686  | 1499977  | 1495347  | 1496337  | 0.22   | cps   |
| Molybdenum | 96-1  | 1915995  | 1917160  | 1919341  | 1917498  | 0.09   | cps   |
| Molybdenum | 97-1  | 921964   | 928337   | 924067   | 924789   | 0.35   | cps   |
| Molybdenum | 98-1  | 2395331  | 2397676  | 2404256  | 2399088  | 0.19   | cps   |
| Neodymium  | 150-1 | 147      | 113      | 173      | 144      | 20.81  | cps   |
| Neodymium  | 150-2 | 10       | 23       | 13       | 16       | 44.60  | cps   |
| Nickel     | 60-2  | 463082   | 464840   | 466472   | 464798   | 0.36   | cps   |
| Phosphorus | 31-2  | 29739    | 29188    | 28803    | 29244    | 1.61   | cps   |
| Potassium  | 39-2  | 3369557  | 3387362  | 3363495  | 3373471  | 0.37   | cps   |
| Rhodium    | 103-2 | 4446510  | 4452001  | 4425829  | 4441447  | 0.31   | cps   |
| Rhodium    | 103-1 | 8118494  | 8062315  | 8099791  | 8093533  | 0.35   | cps   |
| Scandium   | 45-1  | 5512154  | 5524977  | 5563784  | 5533639  | 0.49   | cps   |
| Scandium   | 45-2  | 273283   | 273716   | 273613   | 273537   | 0.08   | cps   |
| Selenium   | 77-2  | 1927     | 2000     | 2027     | 1985     | 2.61   | cps   |
| Selenium   | 78-2  | 6744     | 6852     | 6870     | 6822     | 1.00   | cps   |
| Selenium   | 82-1  | 42200    | 42685    | 42626    | 42504    | 0.62   | cps   |
| Silicon    | 28-1  | 2139841  | 2132946  | 2147289  | 2140025  | 0.34   | cps   |
| Silver     | 109-1 | 3407819  | 3412371  | 3435049  | 3418413  | 0.43   | cps   |
| Silver     | 107-1 | 3533071  | 3559596  | 3570279  | 3554315  | 0.54   | cps   |
| Sodium     | 23-2  | 12586146 | 12604128 | 12542229 | 12577501 | 0.25   | cps   |
| Strontium  | 86-1  | 1060354  | 1076332  | 1069336  | 1068674  | 0.75   | cps   |
| Strontium  | 88-1  | 9151232  | 9171114  | 9265184  | 9195843  | 0.66   | cps   |
| Sulfur     | 34-1  | 540565   | 541728   | 536210   | 539501   | 0.54   | cps   |
| Terbium    | 159-1 | 11239159 | 11205537 | 11235622 | 11226773 | 0.16   | cps   |
| Terbium    | 159-2 | 6315084  | 6342444  | 6320512  | 6326013  | 0.23   | cps   |
| Thallium   | 203-1 | 2618425  | 2642064  | 2651037  | 2637175  | 0.64   | cps   |
| Thallium   | 205-1 | 6344452  | 6381940  | 6395308  | 6373900  | 0.41   | cps   |
| Tin        | 118-1 | 2409826  | 2416757  | 2406897  | 2411160  | 0.21   | cps   |
| Titanium   | 47-1  | 419407   | 420228   | 428482   | 422706   | 1.19   | cps   |
| Uranium    | 238-1 | 9276590  | 9228871  | 9213570  | 9239677  | 0.36   | cps   |
| Vanadium   | 51-2  | 860032   | 865291   | 854633   | 859985   | 0.62   | cps   |
| Yttrium    | 89-2  | 1515463  | 1517511  | 1518850  | 1517275  | 0.11   | cps   |
| Yttrium    | 89-1  | 9383119  | 9601073  | 9481190  | 9488461  | 1.15   | cps   |
| Zinc       | 66-2  | 309374   | 309628   | 307409   | 308804   | 0.39   | cps   |
| Zirconium  | 90-1  | 5393366  | 5411664  | 5395920  | 5400316  | 0.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:36:30 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1176836 | 1184341 | 1179656 | 1180278 | 0.32   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P7  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 14:40:12 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1048344  | 1049801  | 1052023  | 1050056  | 0.18   | cps   |
| Antimony   | 121-1 | 5885195  | 5847798  | 5862520  | 5865171  | 0.32   | cps   |
| Arsenic    | 75-2  | 225364   | 224448   | 225110   | 224974   | 0.21   | cps   |
| Barium     | 135-1 | 7161311  | 7117794  | 7127139  | 7135415  | 0.32   | cps   |
| Barium     | 137-1 | 12247070 | 12312717 | 12204094 | 12254627 | 0.45   | cps   |
| Beryllium  | 9-1   | 469548   | 473199   | 472898   | 471882   | 0.43   | cps   |
| Bismuth    | 209-1 | 6452472  | 6502884  | 6511835  | 6489064  | 0.49   | cps   |
| Bismuth    | 209-2 | 4330785  | 4392603  | 4363920  | 4362436  | 0.71   | cps   |
| Boron      | 10-1  | 71009    | 72944    | 74291    | 72748    | 2.27   | cps   |
| Boron      | 11-1  | 394961   | 399043   | 407630   | 400545   | 1.61   | cps   |
| Cadmium    | 106-1 | 143090   | 142341   | 141003   | 142145   | 0.74   | cps   |
| Cadmium    | 108-1 | 95008    | 96190    | 95121    | 95439    | 0.68   | cps   |
| Cadmium    | 111-1 | 1342957  | 1348186  | 1353567  | 1348237  | 0.39   | cps   |
| Calcium    | 43-1  | 1710373  | 1708813  | 1700861  | 1706683  | 0.30   | cps   |
| Calcium    | 44-1  | 27440082 | 27336939 | 27040759 | 27272593 | 0.76   | cps   |
| Chromium   | 52-2  | 2064924  | 2076029  | 2074451  | 2071801  | 0.29   | cps   |
| Cobalt     | 59-2  | 3410292  | 3432058  | 3445624  | 3429325  | 0.52   | cps   |
| Copper     | 63-2  | 4956342  | 5009156  | 5024189  | 4996562  | 0.71   | cps   |
| Dysprosium | 156-2 | 27       | 27       | 30       | 28       | 6.92   | cps   |
| Dysprosium | 156-1 | 117      | 83       | 92       | 97       | 17.84  | cps   |
| Erbium     | 164-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Erbium     | 164-2 | 23       | 37       | 53       | 38       | 39.79  | cps   |
| Gadolinium | 160-2 | 57       | 63       | 50       | 57       | 11.77  | cps   |
| Gadolinium | 160-1 | 133      | 83       | 67       | 94       | 36.73  | cps   |
| Holmium    | 165-2 | 6223464  | 6291612  | 6267415  | 6260830  | 0.55   | cps   |
| Holmium    | 165-1 | 10585062 | 10548170 | 10547207 | 10560147 | 0.20   | cps   |
| Indium     | 115-1 | 8356901  | 8363358  | 8458963  | 8393074  | 0.68   | cps   |
| Indium     | 115-2 | 1804210  | 1800182  | 1813535  | 1805976  | 0.38   | cps   |
| Iron       | 56-2  | 83488432 | 83042527 | 83185857 | 83238939 | 0.27   | cps   |
| Iron       | 57-2  | 2047080  | 2050668  | 2061766  | 2053171  | 0.37   | cps   |
| Lead       | 206-1 | 4176801  | 4202357  | 4205669  | 4194942  | 0.38   | cps   |
| Lead       | 207-1 | 3851759  | 3821417  | 3845362  | 3839513  | 0.42   | cps   |
| Lead       | 208-1 | 17081726 | 17035201 | 17025099 | 17047342 | 0.18   | cps   |
| Lithium    | 6-1   | 304083   | 303229   | 304596   | 303969   | 0.23   | cps   |
| Magnesium  | 24-2  | 12830429 | 12911947 | 12834940 | 12859106 | 0.36   | cps   |
| Manganese  | 55-2  | 2183979  | 2186382  | 2189497  | 2186619  | 0.13   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:40:12 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5495048  | 5554360  | 5508688  | 5519365  | 0.56   | cps   |
| Molybdenum | 95-1  | 2959835  | 2968831  | 2973839  | 2967502  | 0.24   | cps   |
| Molybdenum | 96-1  | 3811164  | 3818209  | 3822283  | 3817218  | 0.15   | cps   |
| Molybdenum | 97-1  | 1836056  | 1837401  | 1840731  | 1838063  | 0.13   | cps   |
| Molybdenum | 98-1  | 4793076  | 4820798  | 4804542  | 4806139  | 0.29   | cps   |
| Neodymium  | 150-1 | 247      | 200      | 240      | 229      | 11.03  | cps   |
| Neodymium  | 150-2 | 33       | 43       | 30       | 36       | 19.51  | cps   |
| Nickel     | 60-2  | 898259   | 909125   | 911278   | 906221   | 0.77   | cps   |
| Phosphorus | 31-2  | 57612    | 58917    | 57829    | 58119    | 1.20   | cps   |
| Potassium  | 39-2  | 6542902  | 6497554  | 6499106  | 6513187  | 0.40   | cps   |
| Rhodium    | 103-2 | 4333030  | 4359127  | 4387403  | 4359853  | 0.62   | cps   |
| Rhodium    | 103-1 | 7920296  | 7945027  | 7887831  | 7917718  | 0.36   | cps   |
| Scandium   | 45-1  | 5436666  | 5434996  | 5408045  | 5426569  | 0.30   | cps   |
| Scandium   | 45-2  | 271092   | 273578   | 273134   | 272601   | 0.49   | cps   |
| Selenium   | 77-2  | 3957     | 3947     | 3911     | 3938     | 0.62   | cps   |
| Selenium   | 78-2  | 13757    | 13288    | 13584    | 13543    | 1.75   | cps   |
| Selenium   | 82-1  | 83255    | 83014    | 82502    | 82924    | 0.46   | cps   |
| Silicon    | 28-1  | 3685063  | 3700223  | 3717106  | 3700797  | 0.43   | cps   |
| Silver     | 109-1 | 6630887  | 6659219  | 6666909  | 6652338  | 0.29   | cps   |
| Silver     | 107-1 | 7015295  | 6903454  | 6899732  | 6939494  | 0.95   | cps   |
| Sodium     | 23-2  | 24622713 | 24744969 | 24744939 | 24704207 | 0.29   | cps   |
| Strontium  | 86-1  | 2104355  | 2115371  | 2097245  | 2105657  | 0.43   | cps   |
| Strontium  | 88-1  | 18123736 | 18227398 | 17907891 | 18086342 | 0.90   | cps   |
| Sulfur     | 34-1  | 763713   | 763396   | 764225   | 763778   | 0.05   | cps   |
| Terbium    | 159-1 | 11076519 | 11141146 | 11148779 | 11122148 | 0.36   | cps   |
| Terbium    | 159-2 | 6282957  | 6303286  | 6300731  | 6295658  | 0.18   | cps   |
| Thallium   | 203-1 | 5187860  | 5261948  | 5276793  | 5242201  | 0.91   | cps   |
| Thallium   | 205-1 | 12221940 | 12303368 | 12279387 | 12268232 | 0.34   | cps   |
| Tin        | 118-1 | 4730764  | 4755659  | 4807751  | 4764725  | 0.82   | cps   |
| Titanium   | 47-1  | 836845   | 827378   | 830749   | 831657   | 0.58   | cps   |
| Uranium    | 238-1 | 18223386 | 18432609 | 18360108 | 18338701 | 0.58   | cps   |
| Vanadium   | 51-2  | 1699145  | 1703161  | 1708835  | 1703714  | 0.29   | cps   |
| Yttrium    | 89-2  | 1496225  | 1512296  | 1510604  | 1506375  | 0.59   | cps   |
| Yttrium    | 89-1  | 9343474  | 9507149  | 9379802  | 9410142  | 0.91   | cps   |
| Zinc       | 66-2  | 599158   | 600857   | 605783   | 601933   | 0.57   | cps   |
| Zirconium  | 90-1  | 10643457 | 10597231 | 10481315 | 10574001 | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:40:12 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2324687 | 2355415 | 2319744 | 2333282 | 0.83   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2082652   | 2117667   | 2105927   | 2102082   | 0.85   | cps   |
| Antimony   | 121-1 | 11986430  | 11885052  | 11892828  | 11921437  | 0.47   | cps   |
| Arsenic    | 75-2  | 448749    | 452661    | 451227    | 450879    | 0.44   | cps   |
| Barium     | 135-1 | 14337079  | 14167535  | 14269693  | 14258102  | 0.60   | cps   |
| Barium     | 137-1 | 24504575  | 24546390  | 24405649  | 24485538  | 0.30   | cps   |
| Beryllium  | 9-1   | 929792    | 931587    | 932094    | 931158    | 0.13   | cps   |
| Bismuth    | 209-1 | 6302903   | 6339250   | 6374148   | 6338767   | 0.56   | cps   |
| Bismuth    | 209-2 | 4290540   | 4309199   | 4324938   | 4308226   | 0.40   | cps   |
| Boron      | 10-1  | 140741    | 144812    | 148237    | 144596    | 2.60   | cps   |
| Boron      | 11-1  | 792174    | 799205    | 808252    | 799877    | 1.01   | cps   |
| Cadmium    | 106-1 | 276989    | 276328    | 281104    | 278140    | 0.93   | cps   |
| Cadmium    | 108-1 | 186871    | 187471    | 187918    | 187420    | 0.28   | cps   |
| Cadmium    | 111-1 | 2626262   | 2649728   | 2672684   | 2649558   | 0.88   | cps   |
| Calcium    | 43-1  | 3393245   | 3398172   | 3436741   | 3409386   | 0.70   | cps   |
| Calcium    | 44-1  | 54115364  | 54175366  | 54484237  | 54258322  | 0.36   | cps   |
| Chromium   | 52-2  | 4134319   | 4129044   | 4133406   | 4132256   | 0.07   | cps   |
| Cobalt     | 59-2  | 6658502   | 6698877   | 6721963   | 6693114   | 0.48   | cps   |
| Copper     | 63-2  | 9721015   | 9709971   | 9695218   | 9708735   | 0.13   | cps   |
| Dysprosium | 156-2 | 43        | 37        | 33        | 38        | 13.48  | cps   |
| Dysprosium | 156-1 | 167       | 133       | 150       | 150       | 11.11  | cps   |
| Erbium     | 164-1 | 42        | 50        | 58        | 50        | 16.67  | cps   |
| Erbium     | 164-2 | 17        | 33        | 23        | 24        | 34.31  | cps   |
| Gadolinium | 160-2 | 77        | 47        | 47        | 57        | 30.56  | cps   |
| Gadolinium | 160-1 | 58        | 133       | 108       | 100       | 38.19  | cps   |
| Holmium    | 165-2 | 6272462   | 6302853   | 6282549   | 6285955   | 0.25   | cps   |
| Holmium    | 165-1 | 10556815  | 10605684  | 10448111  | 10536870  | 0.77   | cps   |
| Indium     | 115-1 | 8279442   | 8228874   | 8226885   | 8245067   | 0.36   | cps   |
| Indium     | 115-2 | 1748965   | 1767245   | 1762563   | 1759591   | 0.54   | cps   |
| Iron       | 56-2  | 164850193 | 164339170 | 163676076 | 164288480 | 0.36   | cps   |
| Iron       | 57-2  | 4101732   | 4118198   | 4126617   | 4115516   | 0.31   | cps   |
| Lead       | 206-1 | 8135716   | 8175975   | 8058116   | 8123269   | 0.74   | cps   |
| Lead       | 207-1 | 7518232   | 7613695   | 7648726   | 7593551   | 0.89   | cps   |
| Lead       | 208-1 | 33401548  | 33809254  | 33707674  | 33639492  | 0.63   | cps   |
| Lithium    | 6-1   | 297530    | 300483    | 292986    | 297000    | 1.27   | cps   |
| Magnesium  | 24-2  | 25473402  | 25847885  | 25687941  | 25669743  | 0.73   | cps   |
| Manganese  | 55-2  | 4338419   | 4374772   | 4365955   | 4359715   | 0.43   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10959624 | 11065121 | 11160441 | 11061728 | 0.91   | cps   |
| Molybdenum | 95-1  | 5894011  | 5966021  | 5939140  | 5933057  | 0.61   | cps   |
| Molybdenum | 96-1  | 7569360  | 7615260  | 7580695  | 7588438  | 0.32   | cps   |
| Molybdenum | 97-1  | 3637813  | 3686795  | 3696760  | 3673789  | 0.86   | cps   |
| Molybdenum | 98-1  | 9625086  | 9601334  | 9637758  | 9621393  | 0.19   | cps   |
| Neodymium  | 150-1 | 373      | 500      | 373      | 416      | 17.60  | cps   |
| Neodymium  | 150-2 | 67       | 57       | 73       | 66       | 12.79  | cps   |
| Nickel     | 60-2  | 1776206  | 1787490  | 1789120  | 1784272  | 0.39   | cps   |
| Phosphorus | 31-2  | 114714   | 118157   | 114025   | 115632   | 1.91   | cps   |
| Potassium  | 39-2  | 12908228 | 13036743 | 12814726 | 12919899 | 0.86   | cps   |
| Rhodium    | 103-2 | 4248611  | 4273203  | 4285864  | 4269226  | 0.44   | cps   |
| Rhodium    | 103-1 | 7727096  | 7764675  | 7759572  | 7750448  | 0.26   | cps   |
| Scandium   | 45-1  | 5447427  | 5368903  | 5424737  | 5413689  | 0.75   | cps   |
| Scandium   | 45-2  | 273661   | 276269   | 273090   | 274340   | 0.62   | cps   |
| Selenium   | 77-2  | 7906     | 8142     | 7919     | 7989     | 1.67   | cps   |
| Selenium   | 78-2  | 26333    | 26387    | 26871    | 26530    | 1.12   | cps   |
| Selenium   | 82-1  | 164671   | 164570   | 164569   | 164603   | 0.04   | cps   |
| Silicon    | 28-1  | 5129071  | 5138904  | 5131154  | 5133043  | 0.10   | cps   |
| Silver     | 109-1 | 13060172 | 13103182 | 13183630 | 13115661 | 0.48   | cps   |
| Silver     | 107-1 | 13415295 | 13610102 | 13605383 | 13543593 | 0.82   | cps   |
| Sodium     | 23-2  | 48886095 | 49127970 | 49128900 | 49047655 | 0.29   | cps   |
| Strontium  | 86-1  | 4209715  | 4235592  | 4219422  | 4221577  | 0.31   | cps   |
| Strontium  | 88-1  | 36039722 | 36164013 | 36279801 | 36161179 | 0.33   | cps   |
| Sulfur     | 34-1  | 1213440  | 1224902  | 1224310  | 1220884  | 0.53   | cps   |
| Terbium    | 159-1 | 11187172 | 11072197 | 11177057 | 11145475 | 0.57   | cps   |
| Terbium    | 159-2 | 6220146  | 6250288  | 6257187  | 6242540  | 0.32   | cps   |
| Thallium   | 203-1 | 10415540 | 10344821 | 10270225 | 10343529 | 0.70   | cps   |
| Thallium   | 205-1 | 24165394 | 24106997 | 24262183 | 24178192 | 0.32   | cps   |
| Tin        | 118-1 | 9564155  | 9465133  | 9546968  | 9525419  | 0.56   | cps   |
| Titanium   | 47-1  | 1660004  | 1670053  | 1671737  | 1667265  | 0.38   | cps   |
| Uranium    | 238-1 | 36664323 | 36567138 | 36860344 | 36697268 | 0.41   | cps   |
| Vanadium   | 51-2  | 3435150  | 3435253  | 3434931  | 3435112  | 0.00   | cps   |
| Yttrium    | 89-2  | 1495140  | 1504664  | 1503955  | 1501253  | 0.35   | cps   |
| Yttrium    | 89-1  | 9395028  | 9355244  | 9338695  | 9362989  | 0.31   | cps   |
| Zinc       | 66-2  | 1175534  | 1191289  | 1183894  | 1183572  | 0.67   | cps   |
| Zirconium  | 90-1  | 21154145 | 21140496 | 21029331 | 21107991 | 0.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:43:51 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 4664923 | 4699925 | 4727200 | 4697349 | 0.66   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10446401  | 10557888  | 10561687  | 10521992  | 0.62   | cps   |
| Antimony   | 121-1 | 58121     | 60096     | 64272     | 60830     | 5.16   | cps   |
| Arsenic    | 75-2  | 593       | 654       | 709       | 652       | 8.95   | cps   |
| Barium     | 135-1 | 4993      | 4826      | 4734      | 4851      | 2.70   | cps   |
| Barium     | 137-1 | 8236      | 8828      | 8203      | 8422      | 4.18   | cps   |
| Beryllium  | 9-1   | 122       | 156       | 100       | 126       | 22.21  | cps   |
| Bismuth    | 209-1 | 5564854   | 5625566   | 5623287   | 5604569   | 0.61   | cps   |
| Bismuth    | 209-2 | 3819583   | 3875513   | 3910743   | 3868613   | 1.19   | cps   |
| Boron      | 10-1  | 3642      | 3309      | 3159      | 3370      | 7.34   | cps   |
| Boron      | 11-1  | 20673     | 18504     | 17544     | 18907     | 8.48   | cps   |
| Cadmium    | 106-1 | 2017      | 2075      | 1742      | 1945      | 9.16   | cps   |
| Cadmium    | 108-1 | 38        | 38        | 42        | 39        | 6.19   | cps   |
| Cadmium    | 111-1 | 1744      | 1843      | 1565      | 1717      | 8.20   | cps   |
| Calcium    | 43-1  | 16765539  | 16792596  | 16818225  | 16792120  | 0.16   | cps   |
| Calcium    | 44-1  | 270922556 | 269695573 | 270492606 | 270370245 | 0.23   | cps   |
| Chromium   | 52-2  | 87937     | 88252     | 90475     | 88888     | 1.56   | cps   |
| Cobalt     | 59-2  | 8229      | 8403      | 8229      | 8287      | 1.21   | cps   |
| Copper     | 63-2  | 13633     | 13520     | 13586     | 13580     | 0.42   | cps   |
| Dysprosium | 156-2 | 77        | 77        | 93        | 82        | 11.70  | cps   |
| Dysprosium | 156-1 | 125       | 200       | 142       | 156       | 25.31  | cps   |
| Erbium     | 164-1 | 100       | 50        | 50        | 67        | 43.31  | cps   |
| Erbium     | 164-2 | 60        | 53        | 77        | 63        | 18.98  | cps   |
| Gadolinium | 160-2 | 133       | 93        | 110       | 112       | 17.90  | cps   |
| Gadolinium | 160-1 | 133       | 167       | 92        | 131       | 28.78  | cps   |
| Holmium    | 165-2 | 5904164   | 5935402   | 5983141   | 5940902   | 0.67   | cps   |
| Holmium    | 165-1 | 10034789  | 10003563  | 9954932   | 9997761   | 0.40   | cps   |
| Indium     | 115-1 | 7860358   | 7878472   | 7913695   | 7884175   | 0.34   | cps   |
| Indium     | 115-2 | 1711978   | 1745436   | 1752660   | 1736692   | 1.25   | cps   |
| Iron       | 56-2  | 818687018 | 821661196 | 835533374 | 825293863 | 1.09   | cps   |
| Iron       | 57-2  | 20641494  | 20749661  | 20892140  | 20761098  | 0.61   | cps   |
| Lead       | 206-1 | 15843     | 16967     | 16511     | 16440     | 3.44   | cps   |
| Lead       | 207-1 | 13691     | 14625     | 14653     | 14323     | 3.82   | cps   |
| Lead       | 208-1 | 62614     | 66544     | 67592     | 65583     | 4.00   | cps   |
| Lithium    | 6-1   | 282462    | 281925    | 282089    | 282159    | 0.10   | cps   |
| Magnesium  | 24-2  | 124725111 | 126005815 | 125221794 | 125317574 | 0.52   | cps   |
| Manganese  | 55-2  | 16600     | 16286     | 16903     | 16596     | 1.86   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB85657             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 19739     | 20173     | 21400     | 20438     | 4.21   | cps   |
| Molybdenum | 95-1  | 29339     | 31502     | 34484     | 31775     | 8.13   | cps   |
| Molybdenum | 96-1  | 37467     | 39715     | 42564     | 39915     | 6.40   | cps   |
| Molybdenum | 97-1  | 17328     | 19339     | 20924     | 19197     | 9.39   | cps   |
| Molybdenum | 98-1  | 45248     | 50883     | 54555     | 50229     | 9.33   | cps   |
| Neodymium  | 150-1 | 120       | 153       | 160       | 144       | 14.84  | cps   |
| Neodymium  | 150-2 | 87        | 80        | 40        | 69        | 36.64  | cps   |
| Nickel     | 60-2  | 21152     | 20918     | 20949     | 21006     | 0.61   | cps   |
| Phosphorus | 31-2  | 200       | 192       | 183       | 192       | 4.35   | cps   |
| Potassium  | 39-2  | 63780564  | 64734995  | 64905851  | 64473804  | 0.94   | cps   |
| Rhodium    | 103-2 | 3830491   | 3862201   | 3864383   | 3852358   | 0.49   | cps   |
| Rhodium    | 103-1 | 7116256   | 7034511   | 7058512   | 7069760   | 0.59   | cps   |
| Scandium   | 45-1  | 5260603   | 5254127   | 5285506   | 5266746   | 0.31   | cps   |
| Scandium   | 45-2  | 264868    | 265649    | 267481    | 265999    | 0.50   | cps   |
| Selenium   | 77-2  | 10        | 17        | 10        | 12        | 31.50  | cps   |
| Selenium   | 78-2  | 146       | 159       | 107       | 138       | 19.60  | cps   |
| Selenium   | 82-1  | 335       | 411       | 465       | 403       | 16.23  | cps   |
| Silicon    | 28-1  | 560474    | 554806    | 556547    | 557276    | 0.52   | cps   |
| Silver     | 109-1 | 1567      | 1483      | 1225      | 1425      | 12.50  | cps   |
| Silver     | 107-1 | 1392      | 1525      | 1517      | 1478      | 5.05   | cps   |
| Sodium     | 23-2  | 231290797 | 233114555 | 233885730 | 232763694 | 0.57   | cps   |
| Strontium  | 86-1  | 120107    | 118032    | 122073    | 120071    | 1.68   | cps   |
| Strontium  | 88-1  | 1027542   | 1033068   | 1036947   | 1032519   | 0.46   | cps   |
| Sulfur     | 34-1  | 301883    | 307242    | 311722    | 306949    | 1.60   | cps   |
| Terbium    | 159-1 | 10468863  | 10508513  | 10520109  | 10499161  | 0.26   | cps   |
| Terbium    | 159-2 | 5886309   | 5936417   | 5969346   | 5930691   | 0.71   | cps   |
| Thallium   | 203-1 | 2550      | 2650      | 2792      | 2664      | 4.56   | cps   |
| Thallium   | 205-1 | 7411      | 6252      | 6594      | 6752      | 8.82   | cps   |
| Tin        | 118-1 | 11563     | 12698     | 14032     | 12765     | 9.68   | cps   |
| Titanium   | 47-1  | 1342      | 1767      | 1517      | 1542      | 13.86  | cps   |
| Uranium    | 238-1 | 8195      | 7869      | 8053      | 8039      | 2.03   | cps   |
| Vanadium   | 51-2  | 960       | 910       | 987       | 952       | 4.09   | cps   |
| Yttrium    | 89-2  | 1445817   | 1464625   | 1473097   | 1461180   | 0.96   | cps   |
| Yttrium    | 89-1  | 9005312   | 8951803   | 8874597   | 8943904   | 0.73   | cps   |
| Zinc       | 66-2  | 7179      | 7499      | 7139      | 7272      | 2.71   | cps   |
| Zirconium  | 90-1  | 5326      | 5460      | 5443      | 5410      | 1.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 14:47:25 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1158 | 1300 | 1350 | 1270    | 7.83   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P7  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 14:52:47 DataFile Name : 011ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 55420    | 56458    | 56642    | 56173    | 1.17   | cps   |
| Antimony   | 121-1 | 2276327  | 2259988  | 2255690  | 2264002  | 0.48   | cps   |
| Arsenic    | 75-2  | 92790    | 93742    | 93727    | 93420    | 0.58   | cps   |
| Barium     | 135-1 | 285917   | 290963   | 292056   | 289645   | 1.13   | cps   |
| Barium     | 137-1 | 499567   | 504810   | 508734   | 504371   | 0.91   | cps   |
| Beryllium  | 9-1   | 99748    | 98518    | 99838    | 99368    | 0.74   | cps   |
| Bismuth    | 209-1 | 6720334  | 6712267  | 6761955  | 6731519  | 0.40   | cps   |
| Bismuth    | 209-2 | 4605807  | 4594222  | 4607869  | 4602633  | 0.16   | cps   |
| Boron      | 10-1  | 72440    | 73387    | 77960    | 74596    | 3.96   | cps   |
| Boron      | 11-1  | 401098   | 412004   | 423774   | 412292   | 2.75   | cps   |
| Cadmium    | 106-1 | 49053    | 49095    | 49412    | 49186    | 0.40   | cps   |
| Cadmium    | 108-1 | 26630    | 26617    | 26888    | 26712    | 0.57   | cps   |
| Cadmium    | 111-1 | 284752   | 288178   | 287707   | 286879   | 0.65   | cps   |
| Calcium    | 43-1  | 79355    | 78566    | 79941    | 79287    | 0.87   | cps   |
| Calcium    | 44-1  | 1235332  | 1234183  | 1240672  | 1236729  | 0.28   | cps   |
| Chromium   | 52-2  | 415280   | 416587   | 418601   | 416823   | 0.40   | cps   |
| Cobalt     | 59-2  | 713971   | 717205   | 711420   | 714199   | 0.41   | cps   |
| Copper     | 63-2  | 514161   | 518874   | 521129   | 518055   | 0.69   | cps   |
| Dysprosium | 156-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Dysprosium | 156-1 | 8        | 17       | 25       | 17       | 50.01  | cps   |
| Erbium     | 164-1 | 100      | 117      | 75       | 97       | 21.57  | cps   |
| Erbium     | 164-2 | 67       | 50       | 30       | 49       | 37.55  | cps   |
| Gadolinium | 160-2 | 13       | 30       | 43       | 29       | 52.03  | cps   |
| Gadolinium | 160-1 | 50       | 75       | 108      | 78       | 37.63  | cps   |
| Holmium    | 165-2 | 6348847  | 6365513  | 6397593  | 6370651  | 0.39   | cps   |
| Holmium    | 165-1 | 10633749 | 10671116 | 10638757 | 10647874 | 0.19   | cps   |
| Indium     | 115-1 | 8593733  | 8658969  | 8661881  | 8638194  | 0.45   | cps   |
| Indium     | 115-2 | 1870158  | 1879380  | 1874594  | 1874711  | 0.25   | cps   |
| Iron       | 56-2  | 3467070  | 3467219  | 3472901  | 3469063  | 0.10   | cps   |
| Iron       | 57-2  | 84476    | 83358    | 84598    | 84144    | 0.81   | cps   |
| Lead       | 206-1 | 1733160  | 1729761  | 1760447  | 1741123  | 0.97   | cps   |
| Lead       | 207-1 | 1524784  | 1517519  | 1549539  | 1530614  | 1.10   | cps   |
| Lead       | 208-1 | 6989277  | 6958360  | 7081125  | 7009587  | 0.91   | cps   |
| Lithium    | 6-1   | 318869   | 319565   | 321898   | 320111   | 0.50   | cps   |
| Magnesium  | 24-2  | 320230   | 322025   | 328010   | 323422   | 1.26   | cps   |
| Manganese  | 55-2  | 226116   | 227691   | 224495   | 226101   | 0.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 14:52:47 | DataFile Name :   | 011ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5706166  | 5695301  | 5716534  | 5706000  | 0.19   | cps   |
| Molybdenum | 95-1  | 3049773  | 3023803  | 3058485  | 3044020  | 0.59   | cps   |
| Molybdenum | 96-1  | 3943343  | 3893179  | 3937329  | 3924617  | 0.70   | cps   |
| Molybdenum | 97-1  | 1881626  | 1876778  | 1892064  | 1883490  | 0.41   | cps   |
| Molybdenum | 98-1  | 4899070  | 4872686  | 4940275  | 4904010  | 0.69   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 187411   | 189534   | 189957   | 188967   | 0.72   | cps   |
| Phosphorus | 31-2  | 125      | 267      | 150      | 181      | 41.88  | cps   |
| Potassium  | 39-2  | 574381   | 577418   | 578697   | 576832   | 0.38   | cps   |
| Rhodium    | 103-2 | 4529652  | 4565221  | 4571766  | 4555546  | 0.50   | cps   |
| Rhodium    | 103-1 | 8294567  | 8292710  | 8345476  | 8310917  | 0.36   | cps   |
| Scandium   | 45-1  | 5687941  | 5678549  | 5689480  | 5685324  | 0.10   | cps   |
| Scandium   | 45-2  | 284551   | 282700   | 284472   | 283908   | 0.37   | cps   |
| Selenium   | 77-2  | 1620     | 1737     | 1653     | 1670     | 3.60   | cps   |
| Selenium   | 78-2  | 5692     | 5479     | 5627     | 5599     | 1.95   | cps   |
| Selenium   | 82-1  | 34150    | 34723    | 34420    | 34431    | 0.83   | cps   |
| Silicon    | 28-1  | 3826570  | 3840384  | 3849599  | 3838851  | 0.30   | cps   |
| Silver     | 109-1 | 1360186  | 1356098  | 1374622  | 1363635  | 0.71   | cps   |
| Silver     | 107-1 | 1434288  | 1424213  | 1441029  | 1433177  | 0.59   | cps   |
| Sodium     | 23-2  | 1051507  | 1045395  | 1057791  | 1051564  | 0.59   | cps   |
| Strontium  | 86-1  | 1992744  | 1994860  | 2005942  | 1997849  | 0.35   | cps   |
| Strontium  | 88-1  | 17488784 | 17186114 | 17283099 | 17319333 | 0.89   | cps   |
| Sulfur     | 34-1  | 328996   | 328269   | 324233   | 327166   | 0.78   | cps   |
| Terbium    | 159-1 | 11248083 | 11142807 | 11278674 | 11223188 | 0.64   | cps   |
| Terbium    | 159-2 | 6351937  | 6370404  | 6230742  | 6317694  | 1.20   | cps   |
| Thallium   | 203-1 | 2135488  | 2127997  | 2153257  | 2138914  | 0.61   | cps   |
| Thallium   | 205-1 | 5149785  | 5179622  | 5233504  | 5187637  | 0.82   | cps   |
| Tin        | 118-1 | 4935321  | 4924267  | 4929932  | 4929840  | 0.11   | cps   |
| Titanium   | 47-1  | 870086   | 867028   | 874589   | 870568   | 0.44   | cps   |
| Uranium    | 238-1 | 18962260 | 18664482 | 19022599 | 18883114 | 1.02   | cps   |
| Vanadium   | 51-2  | 344709   | 345206   | 349408   | 346441   | 0.75   | cps   |
| Yttrium    | 89-2  | 1551588  | 1552501  | 1559179  | 1554423  | 0.27   | cps   |
| Yttrium    | 89-1  | 9632266  | 9576397  | 9588878  | 9599180  | 0.31   | cps   |
| Zinc       | 66-2  | 132575   | 132485   | 132995   | 132685   | 0.21   | cps   |
| Zirconium  | 90-1  | 10864988 | 10788328 | 10838974 | 10830763 | 0.36   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 14:52:47 | DataFile Name :   | 011ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2410312 | 2395020 | 2410814 | 2405382 | 0.37   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:11:21 DataFile Name : 012CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 133      | 142      | 153      | 17.53  | cps   |
| Antimony   | 121-1 | 10796    | 13891    | 15676    | 13454    | 18.35  | cps   |
| Arsenic    | 75-2  | 63       | 37       | 69       | 56       | 29.91  | cps   |
| Barium     | 135-1 | 125      | 75       | 133      | 111      | 28.40  | cps   |
| Barium     | 137-1 | 200      | 200      | 258      | 219      | 15.35  | cps   |
| Beryllium  | 9-1   | 17       | 28       | 22       | 22       | 25.00  | cps   |
| Bismuth    | 209-1 | 6361852  | 6399479  | 6434467  | 6398599  | 0.57   | cps   |
| Bismuth    | 209-2 | 4383605  | 4448122  | 4451426  | 4427718  | 0.86   | cps   |
| Boron      | 10-1  | 600      | 617      | 492      | 569      | 11.92  | cps   |
| Boron      | 11-1  | 3209     | 3467     | 3067     | 3248     | 6.25   | cps   |
| Cadmium    | 106-1 | 1917     | 1942     | 1984     | 1947     | 1.73   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Cadmium    | 111-1 | 1351     | 1378     | 1426     | 1385     | 2.74   | cps   |
| Calcium    | 43-1  | 400      | 392      | 450      | 414      | 7.62   | cps   |
| Calcium    | 44-1  | 19197    | 19581    | 19355    | 19377    | 1.00   | cps   |
| Chromium   | 52-2  | 880      | 743      | 797      | 807      | 8.54   | cps   |
| Cobalt     | 59-2  | 167      | 157      | 177      | 167      | 6.00   | cps   |
| Copper     | 63-2  | 580      | 703      | 610      | 631      | 10.19  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 33       | 23       | 17       | 24       | 34.31  | cps   |
| Gadolinium | 160-2 | 10       | 20       | 17       | 16       | 32.73  | cps   |
| Gadolinium | 160-1 | 50       | 58       | 42       | 50       | 16.67  | cps   |
| Holmium    | 165-2 | 6068410  | 6152410  | 6180021  | 6133614  | 0.95   | cps   |
| Holmium    | 165-1 | 10440509 | 10462796 | 10525102 | 10476135 | 0.42   | cps   |
| Indium     | 115-1 | 8544059  | 8577276  | 8632612  | 8584649  | 0.52   | cps   |
| Indium     | 115-2 | 1836915  | 1851484  | 1845186  | 1844529  | 0.40   | cps   |
| Iron       | 56-2  | 11766    | 11894    | 11644    | 11768    | 1.06   | cps   |
| Iron       | 57-2  | 322      | 278      | 261      | 287      | 11.00  | cps   |
| Lead       | 206-1 | 1045     | 1333     | 1239     | 1206     | 12.22  | cps   |
| Lead       | 207-1 | 1067     | 1067     | 1050     | 1061     | 0.91   | cps   |
| Lead       | 208-1 | 4406     | 4750     | 4789     | 4649     | 4.54   | cps   |
| Lithium    | 6-1   | 302252   | 302825   | 304218   | 303098   | 0.33   | cps   |
| Magnesium  | 24-2  | 517      | 550      | 483      | 517      | 6.45   | cps   |
| Manganese  | 55-2  | 117      | 120      | 110      | 116      | 4.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:11:21 | DataFile Name :   | 012CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1208     | 1392     | 1275     | 1292     | 7.18   | cps   |
| Molybdenum | 95-1  | 975      | 1425     | 1792     | 1397     | 29.28  | cps   |
| Molybdenum | 96-1  | 1192     | 1567     | 2042     | 1600     | 26.63  | cps   |
| Molybdenum | 97-1  | 733      | 975      | 1125     | 945      | 20.92  | cps   |
| Molybdenum | 98-1  | 1984     | 2009     | 2592     | 2195     | 15.69  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 47       | 60       | 53       | 53       | 12.50  | cps   |
| Phosphorus | 31-2  | 158      | 175      | 183      | 172      | 7.39   | cps   |
| Potassium  | 39-2  | 29931    | 28203    | 29079    | 29071    | 2.97   | cps   |
| Rhodium    | 103-2 | 4422149  | 4445904  | 4455355  | 4441136  | 0.39   | cps   |
| Rhodium    | 103-1 | 8127477  | 8160378  | 8242837  | 8176897  | 0.73   | cps   |
| Scandium   | 45-1  | 5476275  | 5444613  | 5487505  | 5469464  | 0.41   | cps   |
| Scandium   | 45-2  | 269342   | 271411   | 272168   | 270974   | 0.54   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 96       | 89       | 83       | 90       | 7.27   | cps   |
| Selenium   | 82-1  | 133      | 22       | -26      | 43       | 190.22 | cps   |
| Silicon    | 28-1  | 492102   | 492174   | 497734   | 494003   | 0.65   | cps   |
| Silver     | 109-1 | 242      | 217      | 242      | 233      | 6.19   | cps   |
| Silver     | 107-1 | 142      | 225      | 167      | 178      | 24.06  | cps   |
| Sodium     | 23-2  | 27100    | 26933    | 26057    | 26697    | 2.10   | cps   |
| Strontium  | 86-1  | 1017     | 1025     | 1242     | 1095     | 11.66  | cps   |
| Strontium  | 88-1  | 650      | 558      | 633      | 614      | 7.95   | cps   |
| Sulfur     | 34-1  | 322574   | 320998   | 324855   | 322809   | 0.60   | cps   |
| Terbium    | 159-1 | 10867740 | 10982491 | 11051462 | 10967231 | 0.85   | cps   |
| Terbium    | 159-2 | 6106555  | 6178216  | 6151891  | 6145554  | 0.59   | cps   |
| Thallium   | 203-1 | 192      | 175      | 142      | 169      | 15.02  | cps   |
| Thallium   | 205-1 | 517      | 358      | 442      | 439      | 18.05  | cps   |
| Tin        | 118-1 | 1483     | 1850     | 1817     | 1717     | 11.81  | cps   |
| Titanium   | 47-1  | 125      | 192      | 133      | 150      | 24.22  | cps   |
| Uranium    | 238-1 | 358      | 508      | 433      | 433      | 17.31  | cps   |
| Vanadium   | 51-2  | 30       | 40       | 37       | 36       | 14.32  | cps   |
| Yttrium    | 89-2  | 1495680  | 1503871  | 1507207  | 1502252  | 0.39   | cps   |
| Yttrium    | 89-1  | 9282432  | 9411597  | 9391789  | 9361939  | 0.74   | cps   |
| Zinc       | 66-2  | 507      | 463      | 420      | 463      | 9.35   | cps   |
| Zirconium  | 90-1  | 1158     | 1283     | 1467     | 1303     | 11.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:11:21 | DataFile Name :   | 012CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 350  | 292  | 289     | 21.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9910253   | 9980569   | 9961682   | 9950835   | 0.37   | cps   |
| Antimony   | 121-1 | 18580     | 18213     | 19639     | 18810     | 3.94   | cps   |
| Arsenic    | 75-2  | 185       | 191       | 211       | 196       | 6.97   | cps   |
| Barium     | 135-1 | 4226      | 4376      | 4501      | 4368      | 3.15   | cps   |
| Barium     | 137-1 | 7127      | 7527      | 7519      | 7391      | 3.09   | cps   |
| Beryllium  | 9-1   | 228       | 283       | 306       | 272       | 14.72  | cps   |
| Bismuth    | 209-1 | 5993779   | 6021814   | 6043685   | 6019759   | 0.42   | cps   |
| Bismuth    | 209-2 | 4077336   | 4102799   | 4126200   | 4102112   | 0.60   | cps   |
| Boron      | 10-1  | 717       | 600       | 600       | 639       | 10.54  | cps   |
| Boron      | 11-1  | 3409      | 3776      | 3392      | 3526      | 6.15   | cps   |
| Cadmium    | 106-1 | 2000      | 2384      | 2175      | 2186      | 8.78   | cps   |
| Cadmium    | 108-1 | 1729      | 1483      | 1483      | 1565      | 9.07   | cps   |
| Cadmium    | 111-1 | 2286      | 2547      | 2501      | 2445      | 5.71   | cps   |
| Calcium    | 43-1  | 3300550   | 3305403   | 3320121   | 3308692   | 0.31   | cps   |
| Calcium    | 44-1  | 53130753  | 53271241  | 53488851  | 53296948  | 0.34   | cps   |
| Chromium   | 52-2  | 79500     | 78927     | 80221     | 79549     | 0.82   | cps   |
| Cobalt     | 59-2  | 7786      | 7619      | 7782      | 7729      | 1.23   | cps   |
| Copper     | 63-2  | 41726     | 42010     | 42976     | 42238     | 1.55   | cps   |
| Dysprosium | 156-2 | 37        | 27        | 20        | 28        | 30.20  | cps   |
| Dysprosium | 156-1 | 83        | 75        | 58        | 72        | 17.62  | cps   |
| Erbium     | 164-1 | 58        | 67        | 42        | 56        | 22.91  | cps   |
| Erbium     | 164-2 | 37        | 57        | 40        | 44        | 24.11  | cps   |
| Gadolinium | 160-2 | 43        | 53        | 50        | 49        | 10.42  | cps   |
| Gadolinium | 160-1 | 67        | 125       | 117       | 103       | 30.70  | cps   |
| Holmium    | 165-2 | 6075441   | 6126280   | 6187796   | 6129839   | 0.92   | cps   |
| Holmium    | 165-1 | 10397464  | 10514553  | 10526393  | 10479470  | 0.68   | cps   |
| Indium     | 115-1 | 8265747   | 8379850   | 8454826   | 8366808   | 1.14   | cps   |
| Indium     | 115-2 | 1781550   | 1791801   | 1803355   | 1792236   | 0.61   | cps   |
| Iron       | 56-2  | 317642085 | 319399840 | 321684907 | 319575611 | 0.63   | cps   |
| Iron       | 57-2  | 7934960   | 8031493   | 8040164   | 8002206   | 0.73   | cps   |
| Lead       | 206-1 | 38417     | 37687     | 37197     | 37767     | 1.63   | cps   |
| Lead       | 207-1 | 30218     | 30602     | 29678     | 30166     | 1.54   | cps   |
| Lead       | 208-1 | 144914    | 143742    | 142668    | 143775    | 0.78   | cps   |
| Lithium    | 6-1   | 282362    | 283076    | 279529    | 281656    | 0.67   | cps   |
| Magnesium  | 24-2  | 24704096  | 24859139  | 24907541  | 24823592  | 0.43   | cps   |
| Manganese  | 55-2  | 17073     | 17414     | 17254     | 17247     | 0.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6370932  | 6447323  | 6470559  | 6429604  | 0.81   | cps   |
| Molybdenum | 95-1  | 11287280 | 11298070 | 11415960 | 11333770 | 0.63   | cps   |
| Molybdenum | 96-1  | 11992214 | 12048999 | 12044093 | 12028435 | 0.26   | cps   |
| Molybdenum | 97-1  | 7197613  | 7215367  | 7196558  | 7203180  | 0.15   | cps   |
| Molybdenum | 98-1  | 18332512 | 18424730 | 18459683 | 18405642 | 0.36   | cps   |
| Neodymium  | 150-1 | 107      | 67       | 27       | 67       | 60.00  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 20       | 14       | 66.64  | cps   |
| Nickel     | 60-2  | 9430     | 9436     | 9570     | 9479     | 0.83   | cps   |
| Phosphorus | 31-2  | 548359   | 546694   | 557486   | 550847   | 1.05   | cps   |
| Potassium  | 39-2  | 25532465 | 25428875 | 25678875 | 25546738 | 0.49   | cps   |
| Rhodium    | 103-2 | 4213000  | 4237269  | 4257539  | 4235936  | 0.53   | cps   |
| Rhodium    | 103-1 | 7824059  | 7830799  | 7857579  | 7837479  | 0.23   | cps   |
| Scandium   | 45-1  | 5476728  | 5511881  | 5455899  | 5481502  | 0.52   | cps   |
| Scandium   | 45-2  | 271352   | 271284   | 274454   | 272363   | 0.66   | cps   |
| Selenium   | 77-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 98       | 91       | 80       | 90       | 10.41  | cps   |
| Selenium   | 82-1  | 77       | 83       | 95       | 85       | 10.74  | cps   |
| Silicon    | 28-1  | 614084   | 613830   | 616315   | 614743   | 0.22   | cps   |
| Silver     | 109-1 | 3726     | 3267     | 3059     | 3351     | 10.18  | cps   |
| Silver     | 107-1 | 4226     | 3526     | 3384     | 3712     | 12.14  | cps   |
| Sodium     | 23-2  | 47125253 | 47435435 | 47967615 | 47509434 | 0.90   | cps   |
| Strontium  | 86-1  | 127284   | 126989   | 127730   | 127335   | 0.29   | cps   |
| Strontium  | 88-1  | 1104540  | 1116593  | 1111902  | 1111012  | 0.55   | cps   |
| Sulfur     | 34-1  | 4147085  | 4139260  | 4146900  | 4144415  | 0.11   | cps   |
| Terbium    | 159-1 | 10985331 | 11117313 | 11043357 | 11048667 | 0.60   | cps   |
| Terbium    | 159-2 | 6110512  | 6132934  | 6135183  | 6126210  | 0.22   | cps   |
| Thallium   | 203-1 | 1992     | 1158     | 1175     | 1442     | 33.05  | cps   |
| Thallium   | 205-1 | 5443     | 3526     | 2392     | 3787     | 40.73  | cps   |
| Tin        | 118-1 | 2525     | 2859     | 3042     | 2809     | 9.33   | cps   |
| Titanium   | 47-1  | 3155415  | 3198259  | 3208338  | 3187337  | 0.88   | cps   |
| Uranium    | 238-1 | 1042     | 1000     | 883      | 975      | 8.42   | cps   |
| Vanadium   | 51-2  | 580      | 583      | 520      | 561      | 6.35   | cps   |
| Yttrium    | 89-2  | 1492836  | 1516809  | 1525417  | 1511687  | 1.12   | cps   |
| Yttrium    | 89-1  | 9369345  | 9488704  | 9398573  | 9418874  | 0.66   | cps   |
| Zinc       | 66-2  | 7769     | 7489     | 7936     | 7731     | 2.92   | cps   |
| Zirconium  | 90-1  | 3025     | 2834     | 2934     | 2931     | 3.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:14:55 | DataFile Name :   | 013ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 583  | 758  | 683  | 675     | 13.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9977785   | 10057510  | 10235614  | 10090303  | 1.31   | cps   |
| Antimony   | 121-1 | 249404    | 251168    | 255451    | 252008    | 1.23   | cps   |
| Arsenic    | 75-2  | 8947      | 9164      | 8973      | 9028      | 1.31   | cps   |
| Barium     | 135-1 | 61210     | 62022     | 62064     | 61766     | 0.78   | cps   |
| Barium     | 137-1 | 105214    | 104148    | 107623    | 105662    | 1.69   | cps   |
| Beryllium  | 9-1   | 18006     | 17939     | 17572     | 17839     | 1.31   | cps   |
| Bismuth    | 209-1 | 6087277   | 6103534   | 6079351   | 6090054   | 0.20   | cps   |
| Bismuth    | 209-2 | 4099226   | 4113360   | 4127441   | 4113342   | 0.34   | cps   |
| Boron      | 10-1  | 7410      | 7627      | 8086      | 7708      | 4.47   | cps   |
| Boron      | 11-1  | 40397     | 42227     | 42661     | 41761     | 2.88   | cps   |
| Cadmium    | 106-1 | 8853      | 9229      | 8428      | 8837      | 4.53   | cps   |
| Cadmium    | 108-1 | 5630      | 5956      | 5414      | 5667      | 4.81   | cps   |
| Cadmium    | 111-1 | 54105     | 53793     | 54155     | 54018     | 0.36   | cps   |
| Calcium    | 43-1  | 3375719   | 3376198   | 3401562   | 3384493   | 0.44   | cps   |
| Calcium    | 44-1  | 54275982  | 54313712  | 55005324  | 54531673  | 0.75   | cps   |
| Chromium   | 52-2  | 160462    | 162164    | 162561    | 161729    | 0.69   | cps   |
| Cobalt     | 59-2  | 142514    | 145008    | 145563    | 144362    | 1.12   | cps   |
| Copper     | 63-2  | 142381    | 142913    | 142166    | 142487    | 0.27   | cps   |
| Dysprosium | 156-2 | 10        | 27        | 20        | 19        | 44.42  | cps   |
| Dysprosium | 156-1 | 50        | 8         | 83        | 47        | 79.58  | cps   |
| Erbium     | 164-1 | 67        | 75        | 50        | 64        | 19.92  | cps   |
| Erbium     | 164-2 | 60        | 40        | 33        | 44        | 31.23  | cps   |
| Gadolinium | 160-2 | 57        | 50        | 53        | 53        | 6.25   | cps   |
| Gadolinium | 160-1 | 142       | 125       | 100       | 122       | 17.16  | cps   |
| Holmium    | 165-1 | 10568474  | 10599735  | 10580824  | 10583011  | 0.15   | cps   |
| Holmium    | 165-2 | 6119344   | 6215014   | 6216470   | 6183609   | 0.90   | cps   |
| Indium     | 115-2 | 1807974   | 1815093   | 1826157   | 1816408   | 0.50   | cps   |
| Indium     | 115-1 | 8560303   | 8537611   | 8591362   | 8563092   | 0.32   | cps   |
| Iron       | 56-2  | 323967852 | 326560330 | 323285796 | 324604659 | 0.53   | cps   |
| Iron       | 57-2  | 8143892   | 8130697   | 8169944   | 8148178   | 0.25   | cps   |
| Lead       | 206-1 | 200262    | 200139    | 196577    | 198993    | 1.05   | cps   |
| Lead       | 207-1 | 166187    | 165276    | 168499    | 166654    | 1.00   | cps   |
| Lead       | 208-1 | 768883    | 771468    | 772096    | 770815    | 0.22   | cps   |
| Lithium    | 6-1   | 279385    | 279898    | 281291    | 280191    | 0.35   | cps   |
| Magnesium  | 24-2  | 25086566  | 25234586  | 25414941  | 25245364  | 0.65   | cps   |
| Manganese  | 55-2  | 60925     | 61870     | 60973     | 61256     | 0.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7098937  | 7095367  | 7126530  | 7106945  | 0.24   | cps   |
| Molybdenum | 95-1  | 11858270 | 11846150 | 11920740 | 11875053 | 0.34   | cps   |
| Molybdenum | 96-1  | 12690663 | 12686016 | 12704832 | 12693837 | 0.08   | cps   |
| Molybdenum | 97-1  | 7543983  | 7573425  | 7507322  | 7541577  | 0.44   | cps   |
| Molybdenum | 98-1  | 19325101 | 19174956 | 19252919 | 19250992 | 0.39   | cps   |
| Neodymium  | 150-1 | 100      | 73       | 27       | 67       | 55.67  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 23       | 21       | 18.21  | cps   |
| Nickel     | 60-2  | 44544    | 45290    | 45591    | 45142    | 1.19   | cps   |
| Phosphorus | 31-2  | 554214   | 557605   | 559588   | 557136   | 0.49   | cps   |
| Potassium  | 39-2  | 26091789 | 26202879 | 26066738 | 26120468 | 0.28   | cps   |
| Rhodium    | 103-2 | 4297655  | 4328350  | 4342675  | 4322893  | 0.53   | cps   |
| Rhodium    | 103-1 | 7876226  | 7839414  | 7884920  | 7866853  | 0.31   | cps   |
| Scandium   | 45-1  | 5590452  | 5581212  | 5582320  | 5584661  | 0.09   | cps   |
| Scandium   | 45-2  | 276521   | 279782   | 282036   | 279447   | 0.99   | cps   |
| Selenium   | 77-2  | 163      | 157      | 163      | 161      | 2.39   | cps   |
| Selenium   | 78-2  | 613      | 637      | 633      | 628      | 2.07   | cps   |
| Selenium   | 82-1  | 3318     | 3374     | 3409     | 3367     | 1.37   | cps   |
| Silicon    | 28-1  | 953851   | 958292   | 956605   | 956249   | 0.23   | cps   |
| Silver     | 109-1 | 247045   | 246265   | 247190   | 246833   | 0.20   | cps   |
| Silver     | 107-1 | 255449   | 259037   | 259612   | 258033   | 0.87   | cps   |
| Sodium     | 23-2  | 48405505 | 48152428 | 48395414 | 48317782 | 0.30   | cps   |
| Strontium  | 86-1  | 325787   | 327033   | 327764   | 326861   | 0.31   | cps   |
| Strontium  | 88-1  | 2863239  | 2880914  | 2888180  | 2877444  | 0.45   | cps   |
| Sulfur     | 34-1  | 4183264  | 4223879  | 4137480  | 4181541  | 1.03   | cps   |
| Terbium    | 159-1 | 11203259 | 11201294 | 11059085 | 11154546 | 0.74   | cps   |
| Terbium    | 159-2 | 6199669  | 6202818  | 6179858  | 6194115  | 0.20   | cps   |
| Thallium   | 203-1 | 194361   | 200844   | 195306   | 196837   | 1.78   | cps   |
| Thallium   | 205-1 | 465937   | 469680   | 465219   | 466946   | 0.51   | cps   |
| Tin        | 118-1 | 475575   | 477955   | 487605   | 480379   | 1.33   | cps   |
| Titanium   | 47-1  | 3317003  | 3337349  | 3324155  | 3326169  | 0.31   | cps   |
| Uranium    | 238-1 | 1763662  | 1750505  | 1776081  | 1763416  | 0.73   | cps   |
| Vanadium   | 51-2  | 67266    | 68123    | 68273    | 67887    | 0.80   | cps   |
| Yttrium    | 89-2  | 1531057  | 1538266  | 1534682  | 1534669  | 0.23   | cps   |
| Yttrium    | 89-1  | 9565941  | 9590113  | 9541166  | 9565740  | 0.26   | cps   |
| Zinc       | 66-2  | 21222    | 21072    | 20982    | 21092    | 0.58   | cps   |
| Zirconium  | 90-1  | 1077059  | 1083604  | 1087729  | 1082797  | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:18:24 | DataFile Name :   | 014ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 239015 | 240436 | 240564 | 240005  | 0.36   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1037798  | 1052208  | 1044316  | 1044774  | 0.69   | cps   |
| Antimony   | 121-1 | 5891634  | 5926038  | 5954467  | 5924046  | 0.53   | cps   |
| Arsenic    | 75-2  | 229727   | 230338   | 229781   | 229949   | 0.15   | cps   |
| Barium     | 135-1 | 7250952  | 7224685  | 7253239  | 7242959  | 0.22   | cps   |
| Barium     | 137-1 | 12313443 | 12401836 | 12494341 | 12403207 | 0.73   | cps   |
| Beryllium  | 9-1   | 445582   | 443837   | 451550   | 446990   | 0.90   | cps   |
| Bismuth    | 209-1 | 6394892  | 6435052  | 6475563  | 6435169  | 0.63   | cps   |
| Bismuth    | 209-2 | 4365163  | 4363014  | 4381963  | 4370047  | 0.24   | cps   |
| Boron      | 10-1  | 66572    | 67811    | 68706    | 67696    | 1.58   | cps   |
| Boron      | 11-1  | 369107   | 380440   | 387499   | 379015   | 2.45   | cps   |
| Cadmium    | 106-1 | 143460   | 142687   | 143823   | 143323   | 0.40   | cps   |
| Cadmium    | 108-1 | 96370    | 97566    | 97004    | 96980    | 0.62   | cps   |
| Cadmium    | 111-1 | 1359470  | 1359969  | 1369865  | 1363101  | 0.43   | cps   |
| Calcium    | 43-1  | 1728968  | 1721364  | 1737244  | 1729192  | 0.46   | cps   |
| Calcium    | 44-1  | 27917898 | 27713416 | 27887492 | 27839602 | 0.40   | cps   |
| Chromium   | 52-2  | 2091511  | 2112973  | 2105327  | 2103271  | 0.52   | cps   |
| Cobalt     | 59-2  | 3480437  | 3473897  | 3489326  | 3481220  | 0.22   | cps   |
| Copper     | 63-2  | 5026403  | 5066449  | 5060686  | 5051179  | 0.43   | cps   |
| Dysprosium | 156-2 | 27       | 20       | 23       | 23       | 14.29  | cps   |
| Dysprosium | 156-1 | 67       | 117      | 133      | 106      | 32.87  | cps   |
| Erbium     | 164-1 | 75       | 50       | 58       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 17       | 20       | 33       | 23       | 37.78  | cps   |
| Gadolinium | 160-2 | 43       | 33       | 47       | 41       | 16.89  | cps   |
| Gadolinium | 160-1 | 75       | 58       | 92       | 75       | 22.22  | cps   |
| Holmium    | 165-2 | 6326485  | 6367245  | 6306036  | 6333255  | 0.49   | cps   |
| Holmium    | 165-1 | 10817743 | 10641408 | 10628276 | 10695809 | 0.99   | cps   |
| Indium     | 115-1 | 8583836  | 8546465  | 8667604  | 8599302  | 0.72   | cps   |
| Indium     | 115-2 | 1838806  | 1842905  | 1848813  | 1843508  | 0.27   | cps   |
| Iron       | 56-2  | 83922682 | 84074505 | 84758096 | 84251761 | 0.53   | cps   |
| Iron       | 57-2  | 2056355  | 2094121  | 2094181  | 2081552  | 1.05   | cps   |
| Lead       | 206-1 | 4091487  | 4130930  | 4134201  | 4118873  | 0.58   | cps   |
| Lead       | 207-1 | 3765520  | 3802530  | 3791718  | 3786589  | 0.50   | cps   |
| Lead       | 208-1 | 16733710 | 16927540 | 16866091 | 16842447 | 0.59   | cps   |
| Lithium    | 6-1   | 284118   | 285153   | 287154   | 285475   | 0.54   | cps   |
| Magnesium  | 24-2  | 12913996 | 12921966 | 12995984 | 12943982 | 0.35   | cps   |
| Manganese  | 55-2  | 2214938  | 2225508  | 2227896  | 2222781  | 0.31   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5664081  | 5652163  | 5653702  | 5656649  | 0.11   | cps   |
| Molybdenum | 95-1  | 3019619  | 3037130  | 3053176  | 3036641  | 0.55   | cps   |
| Molybdenum | 96-1  | 3879397  | 3909619  | 3913379  | 3900799  | 0.48   | cps   |
| Molybdenum | 97-1  | 1868961  | 1870420  | 1876526  | 1871969  | 0.21   | cps   |
| Molybdenum | 98-1  | 4861940  | 4868914  | 4865409  | 4865421  | 0.07   | cps   |
| Neodymium  | 150-1 | 240      | 233      | 267      | 247      | 7.15   | cps   |
| Neodymium  | 150-2 | 63       | 37       | 13       | 38       | 66.23  | cps   |
| Nickel     | 60-2  | 919350   | 922297   | 923229   | 921625   | 0.22   | cps   |
| Phosphorus | 31-2  | 58716    | 60206    | 58247    | 59056    | 1.73   | cps   |
| Potassium  | 39-2  | 6663004  | 6735282  | 6684307  | 6694198  | 0.55   | cps   |
| Rhodium    | 103-2 | 4415973  | 4431621  | 4425505  | 4424366  | 0.18   | cps   |
| Rhodium    | 103-1 | 8052510  | 8037929  | 8065161  | 8051866  | 0.17   | cps   |
| Scandium   | 45-1  | 5588046  | 5619241  | 5560668  | 5589318  | 0.52   | cps   |
| Scandium   | 45-2  | 279673   | 280956   | 279586   | 280072   | 0.27   | cps   |
| Selenium   | 77-2  | 3977     | 4181     | 3981     | 4046     | 2.88   | cps   |
| Selenium   | 78-2  | 13729    | 13910    | 13879    | 13839    | 0.70   | cps   |
| Selenium   | 82-1  | 84195    | 84380    | 83790    | 84122    | 0.36   | cps   |
| Silicon    | 28-1  | 3676045  | 3693132  | 3689843  | 3686340  | 0.25   | cps   |
| Silver     | 109-1 | 6805130  | 6753426  | 6804743  | 6787766  | 0.44   | cps   |
| Silver     | 107-1 | 6940190  | 7014297  | 7001976  | 6985488  | 0.57   | cps   |
| Sodium     | 23-2  | 24554048 | 24622456 | 24894143 | 24690216 | 0.73   | cps   |
| Strontium  | 86-1  | 2126311  | 2141080  | 2137061  | 2134817  | 0.36   | cps   |
| Strontium  | 88-1  | 18418262 | 18538372 | 18465591 | 18474075 | 0.33   | cps   |
| Sulfur     | 34-1  | 737648   | 740686   | 747956   | 742097   | 0.71   | cps   |
| Terbium    | 159-1 | 11274475 | 11276394 | 11204864 | 11251911 | 0.36   | cps   |
| Terbium    | 159-2 | 6318782  | 6353857  | 6307061  | 6326566  | 0.38   | cps   |
| Thallium   | 203-1 | 5129035  | 5140115  | 5187339  | 5152163  | 0.60   | cps   |
| Thallium   | 205-1 | 11937637 | 11960679 | 11972456 | 11956924 | 0.15   | cps   |
| Tin        | 118-1 | 4829657  | 4802478  | 4841114  | 4824416  | 0.41   | cps   |
| Titanium   | 47-1  | 844967   | 845686   | 849973   | 846875   | 0.32   | cps   |
| Uranium    | 238-1 | 17863582 | 17595314 | 17700873 | 17719923 | 0.76   | cps   |
| Vanadium   | 51-2  | 1725229  | 1743685  | 1750142  | 1739685  | 0.74   | cps   |
| Yttrium    | 89-2  | 1536840  | 1555643  | 1553401  | 1548628  | 0.66   | cps   |
| Yttrium    | 89-1  | 9635465  | 9615035  | 9690257  | 9646919  | 0.40   | cps   |
| Zinc       | 66-2  | 610545   | 611594   | 614223   | 612121   | 0.31   | cps   |
| Zirconium  | 90-1  | 10674427 | 10721471 | 10862895 | 10752931 | 0.91   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV090              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV090              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 15:21:54 | DataFile Name :   | 015CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2374317 | 2392667 | 2377842 | 2381609 | 0.41   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : CCB090 Instrumnet Name : P7  
 Client Sample ID : CCB090 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:32:36 DataFile Name : 016CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 258      | 133      | 183      | 192      | 32.83  | cps   |
| Antimony   | 121-1 | 12598    | 15735    | 17503    | 15278    | 16.26  | cps   |
| Arsenic    | 75-2  | 50       | 83       | 70       | 68       | 24.74  | cps   |
| Barium     | 135-1 | 92       | 150      | 83       | 108      | 33.53  | cps   |
| Barium     | 137-1 | 183      | 208      | 158      | 183      | 13.64  | cps   |
| Beryllium  | 9-1   | 22       | 28       | 22       | 24       | 13.33  | cps   |
| Bismuth    | 209-1 | 6568135  | 6622124  | 6545773  | 6578677  | 0.60   | cps   |
| Bismuth    | 209-2 | 4430462  | 4486536  | 4464108  | 4460369  | 0.63   | cps   |
| Boron      | 10-1  | 800      | 625      | 608      | 678      | 15.67  | cps   |
| Boron      | 11-1  | 3284     | 3751     | 3267     | 3434     | 7.99   | cps   |
| Cadmium    | 106-1 | 2200     | 1950     | 1834     | 1995     | 9.39   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Cadmium    | 111-1 | 1552     | 1375     | 1294     | 1407     | 9.38   | cps   |
| Calcium    | 43-1  | 325      | 292      | 433      | 350      | 21.16  | cps   |
| Calcium    | 44-1  | 20490    | 20190    | 19272    | 19984    | 3.18   | cps   |
| Chromium   | 52-2  | 687      | 723      | 713      | 708      | 2.68   | cps   |
| Cobalt     | 59-2  | 143      | 140      | 133      | 139      | 3.67   | cps   |
| Copper     | 63-2  | 940      | 930      | 913      | 928      | 1.45   | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Dysprosium | 156-1 | 8        | 0        | 50       | 19       | 137.78 | cps   |
| Erbium     | 164-1 | 33       | 25       | 50       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 30       | 17       | 20       | 22       | 31.22  | cps   |
| Gadolinium | 160-2 | 23       | 33       | 37       | 31       | 22.31  | cps   |
| Gadolinium | 160-1 | 50       | 100      | 33       | 61       | 56.78  | cps   |
| Holmium    | 165-2 | 6146380  | 6211340  | 6253700  | 6203807  | 0.87   | cps   |
| Holmium    | 165-1 | 10645125 | 10745671 | 10708631 | 10699809 | 0.48   | cps   |
| Indium     | 115-1 | 8731122  | 8755855  | 8804333  | 8763770  | 0.42   | cps   |
| Indium     | 115-2 | 1837963  | 1856215  | 1866399  | 1853526  | 0.78   | cps   |
| Iron       | 56-2  | 10198    | 10243    | 10421    | 10287    | 1.14   | cps   |
| Iron       | 57-2  | 250      | 200      | 233      | 228      | 11.18  | cps   |
| Lead       | 206-1 | 1245     | 1111     | 1095     | 1150     | 7.15   | cps   |
| Lead       | 207-1 | 1178     | 1000     | 1133     | 1104     | 8.38   | cps   |
| Lead       | 208-1 | 4723     | 4834     | 4589     | 4715     | 2.60   | cps   |
| Lithium    | 6-1   | 294738   | 298226   | 301402   | 298122   | 1.12   | cps   |
| Magnesium  | 24-2  | 542      | 492      | 525      | 519      | 4.90   | cps   |
| Manganese  | 55-2  | 97       | 127      | 100      | 108      | 15.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB090              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB090              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:32:36 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1850     | 1800     | 2509     | 2053     | 19.26  | cps   |
| Molybdenum | 95-1  | 2092     | 2567     | 3417     | 2692     | 24.94  | cps   |
| Molybdenum | 96-1  | 2334     | 3075     | 3617     | 3009     | 21.42  | cps   |
| Molybdenum | 97-1  | 1633     | 1517     | 2425     | 1859     | 26.60  | cps   |
| Molybdenum | 98-1  | 3484     | 4259     | 5460     | 4401     | 22.62  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 53       | 30       | 70       | 51       | 39.31  | cps   |
| Phosphorus | 31-2  | 208      | 125      | 183      | 172      | 24.83  | cps   |
| Potassium  | 39-2  | 28846    | 28770    | 29096    | 28904    | 0.59   | cps   |
| Rhodium    | 103-2 | 4472710  | 4516811  | 4511938  | 4500486  | 0.54   | cps   |
| Rhodium    | 103-1 | 8414276  | 8298187  | 8357139  | 8356534  | 0.69   | cps   |
| Scandium   | 45-1  | 5507557  | 5512605  | 5522645  | 5514269  | 0.14   | cps   |
| Scandium   | 45-2  | 271454   | 277100   | 272208   | 273587   | 1.12   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 91       | 80       | 96       | 19.87  | cps   |
| Selenium   | 82-1  | 88       | 105      | 19       | 71       | 64.70  | cps   |
| Silicon    | 28-1  | 497370   | 498560   | 494257   | 496729   | 0.45   | cps   |
| Silver     | 109-1 | 317      | 150      | 283      | 250      | 35.28  | cps   |
| Silver     | 107-1 | 325      | 292      | 375      | 331      | 12.69  | cps   |
| Sodium     | 23-2  | 28570    | 27785    | 28620    | 28325    | 1.65   | cps   |
| Strontium  | 86-1  | 850      | 958      | 1142     | 983      | 14.99  | cps   |
| Strontium  | 88-1  | 558      | 525      | 500      | 528      | 5.55   | cps   |
| Sulfur     | 34-1  | 287831   | 288211   | 290004   | 288682   | 0.40   | cps   |
| Terbium    | 159-1 | 11232277 | 11223880 | 11250272 | 11235477 | 0.12   | cps   |
| Terbium    | 159-2 | 6176428  | 6214451  | 6246359  | 6212413  | 0.56   | cps   |
| Thallium   | 203-1 | 233      | 250      | 167      | 217      | 20.35  | cps   |
| Thallium   | 205-1 | 350      | 417      | 483      | 417      | 16.00  | cps   |
| Tin        | 118-1 | 1458     | 1809     | 2184     | 1817     | 19.96  | cps   |
| Titanium   | 47-1  | 117      | 242      | 142      | 167      | 39.69  | cps   |
| Uranium    | 238-1 | 283      | 325      | 200      | 269      | 23.62  | cps   |
| Vanadium   | 51-2  | 30       | 27       | 50       | 36       | 35.49  | cps   |
| Yttrium    | 89-2  | 1503268  | 1520384  | 1519023  | 1514225  | 0.63   | cps   |
| Yttrium    | 89-1  | 9594566  | 9529623  | 9580999  | 9568396  | 0.36   | cps   |
| Zinc       | 66-2  | 277      | 280      | 257      | 271      | 4.66   | cps   |
| Zirconium  | 90-1  | 992      | 1350     | 1517     | 1286     | 20.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB090              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB090              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:32:36 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 192  | 358  | 278     | 30.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2325     | 1942     | 2267     | 2178     | 9.48   | cps   |
| Antimony   | 121-1 | 25274    | 25365    | 26969    | 25869    | 3.68   | cps   |
| Arsenic    | 75-2  | 491      | 461      | 513      | 488      | 5.33   | cps   |
| Barium     | 135-1 | 26826    | 25699    | 26351    | 26292    | 2.15   | cps   |
| Barium     | 137-1 | 45066    | 45016    | 45735    | 45272    | 0.89   | cps   |
| Beryllium  | 9-1   | 878      | 928      | 878      | 894      | 3.23   | cps   |
| Bismuth    | 209-1 | 6643726  | 6554913  | 6599717  | 6599452  | 0.67   | cps   |
| Bismuth    | 209-2 | 4430243  | 4479531  | 4486227  | 4465334  | 0.68   | cps   |
| Boron      | 10-1  | 3651     | 3901     | 3626     | 3726     | 4.08   | cps   |
| Boron      | 11-1  | 19997    | 21099    | 20640    | 20579    | 2.69   | cps   |
| Cadmium    | 106-1 | 2134     | 2434     | 2242     | 2270     | 6.69   | cps   |
| Cadmium    | 108-1 | 179      | 167      | 133      | 160      | 14.83  | cps   |
| Cadmium    | 111-1 | 3823     | 3891     | 3968     | 3894     | 1.87   | cps   |
| Calcium    | 43-1  | 16435    | 15601    | 15826    | 15954    | 2.71   | cps   |
| Calcium    | 44-1  | 272848   | 272848   | 270126   | 271940   | 0.58   | cps   |
| Chromium   | 52-2  | 8663     | 8893     | 8706     | 8754     | 1.40   | cps   |
| Cobalt     | 59-2  | 6835     | 6675     | 6762     | 6757     | 1.19   | cps   |
| Copper     | 63-2  | 10367    | 10697    | 10677    | 10581    | 1.75   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Erbium     | 164-1 | 42       | 58       | 42       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 47       | 43       | 57       | 49       | 14.20  | cps   |
| Gadolinium | 160-2 | 33       | 23       | 27       | 28       | 18.33  | cps   |
| Gadolinium | 160-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Holmium    | 165-2 | 6172373  | 6202875  | 6235387  | 6203545  | 0.51   | cps   |
| Holmium    | 165-1 | 10779435 | 10628140 | 10684384 | 10697320 | 0.71   | cps   |
| Indium     | 115-1 | 8724166  | 8705536  | 8629090  | 8686264  | 0.58   | cps   |
| Indium     | 115-2 | 1843544  | 1858376  | 1854211  | 1852043  | 0.41   | cps   |
| Iron       | 56-2  | 165455   | 164038   | 163490   | 164328   | 0.62   | cps   |
| Iron       | 57-2  | 4090     | 3839     | 3990     | 3973     | 3.17   | cps   |
| Lead       | 206-1 | 8703     | 9048     | 8764     | 8838     | 2.08   | cps   |
| Lead       | 207-1 | 7986     | 8181     | 7580     | 7916     | 3.87   | cps   |
| Lead       | 208-1 | 35525    | 36493    | 35141    | 35720    | 1.95   | cps   |
| Lithium    | 6-1   | 300831   | 300173   | 302214   | 301073   | 0.35   | cps   |
| Magnesium  | 24-2  | 124104   | 122339   | 124027   | 123490   | 0.81   | cps   |
| Manganese  | 55-2  | 2164     | 2084     | 2094     | 2114     | 2.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 22343    | 23245    | 22752    | 22780    | 1.98   | cps   |
| Molybdenum | 95-1  | 28429    | 28680    | 29231    | 28780    | 1.42   | cps   |
| Molybdenum | 96-1  | 30425    | 31686    | 32246    | 31452    | 2.97   | cps   |
| Molybdenum | 97-1  | 17703    | 18012    | 17904    | 17873    | 0.88   | cps   |
| Molybdenum | 98-1  | 45566    | 44612    | 46293    | 45490    | 1.85   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1777     | 1903     | 2004     | 1895     | 6.00   | cps   |
| Phosphorus | 31-2  | 275      | 225      | 225      | 242      | 11.94  | cps   |
| Potassium  | 39-2  | 149074   | 149952   | 148748   | 149258   | 0.42   | cps   |
| Rhodium    | 103-2 | 4480943  | 4518035  | 4528225  | 4509067  | 0.55   | cps   |
| Rhodium    | 103-1 | 8423018  | 8324574  | 8325651  | 8357748  | 0.68   | cps   |
| Scandium   | 45-1  | 5502519  | 5522704  | 5535683  | 5520302  | 0.30   | cps   |
| Scandium   | 45-2  | 273317   | 271910   | 272565   | 272597   | 0.26   | cps   |
| Selenium   | 77-2  | 60       | 47       | 23       | 43       | 42.83  | cps   |
| Selenium   | 78-2  | 172      | 209      | 239      | 207      | 16.15  | cps   |
| Selenium   | 82-1  | 899      | 853      | 877      | 876      | 2.63   | cps   |
| Silicon    | 28-1  | 525159   | 523905   | 527054   | 525373   | 0.30   | cps   |
| Silver     | 109-1 | 8294     | 9587     | 9120     | 9000     | 7.27   | cps   |
| Silver     | 107-1 | 9812     | 9212     | 9770     | 9598     | 3.49   | cps   |
| Sodium     | 23-2  | 257479   | 260660   | 261219   | 259786   | 0.78   | cps   |
| Strontium  | 86-1  | 4784     | 4909     | 4726     | 4807     | 1.95   | cps   |
| Strontium  | 88-1  | 33073    | 32437    | 33164    | 32891    | 1.20   | cps   |
| Sulfur     | 34-1  | 294627   | 293921   | 294371   | 294306   | 0.12   | cps   |
| Terbium    | 159-1 | 11305245 | 11315371 | 11323240 | 11314619 | 0.08   | cps   |
| Terbium    | 159-2 | 6149750  | 6207673  | 6255898  | 6204440  | 0.86   | cps   |
| Thallium   | 203-1 | 9971     | 9545     | 9938     | 9818     | 2.41   | cps   |
| Thallium   | 205-1 | 23204    | 23622    | 23889    | 23572    | 1.46   | cps   |
| Tin        | 118-1 | 45166    | 45558    | 44881    | 45201    | 0.75   | cps   |
| Titanium   | 47-1  | 7602     | 7944     | 7686     | 7744     | 2.30   | cps   |
| Uranium    | 238-1 | 34764    | 34405    | 34113    | 34428    | 0.95   | cps   |
| Vanadium   | 51-2  | 15965    | 15705    | 15919    | 15863    | 0.87   | cps   |
| Yttrium    | 89-2  | 1497126  | 1511755  | 1515038  | 1507973  | 0.63   | cps   |
| Yttrium    | 89-1  | 9558091  | 9450165  | 9548157  | 9518804  | 0.63   | cps   |
| Zinc       | 66-2  | 1470     | 1450     | 1377     | 1432     | 3.43   | cps   |
| Zirconium  | 90-1  | 17386    | 17570    | 17211    | 17389    | 1.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:36:09 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3576 | 3609 | 3726 | 3637    | 2.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 126405   | 125287   | 125053   | 125582   | 0.58   | cps   |
| Antimony   | 121-1 | 4176     | 4718     | 4734     | 4543     | 7.00   | cps   |
| Arsenic    | 75-2  | 526      | 554      | 530      | 536      | 2.81   | cps   |
| Barium     | 135-1 | 235920   | 235978   | 236031   | 235977   | 0.02   | cps   |
| Barium     | 137-1 | 407339   | 407295   | 407237   | 407290   | 0.01   | cps   |
| Beryllium  | 9-1   | 244      | 244      | 278      | 256      | 7.53   | cps   |
| Bismuth    | 209-1 | 6716108  | 6663664  | 6651731  | 6677168  | 0.51   | cps   |
| Bismuth    | 209-2 | 4442220  | 4469089  | 4435999  | 4449102  | 0.40   | cps   |
| Boron      | 10-1  | 675      | 825      | 808      | 769      | 10.69  | cps   |
| Boron      | 11-1  | 3701     | 3859     | 3659     | 3739     | 2.82   | cps   |
| Cadmium    | 106-1 | 2259     | 2359     | 2159     | 2259     | 4.43   | cps   |
| Cadmium    | 108-1 | 167      | 208      | 163      | 179      | 14.15  | cps   |
| Cadmium    | 111-1 | 3552     | 3597     | 3564     | 3571     | 0.65   | cps   |
| Calcium    | 43-1  | 40841    | 41325    | 41434    | 41200    | 0.77   | cps   |
| Calcium    | 44-1  | 680511   | 678534   | 675679   | 678241   | 0.36   | cps   |
| Chromium   | 52-2  | 8556     | 8483     | 8523     | 8520     | 0.43   | cps   |
| Cobalt     | 59-2  | 6048     | 5841     | 6425     | 6105     | 4.85   | cps   |
| Copper     | 63-2  | 150235   | 149795   | 150357   | 150129   | 0.20   | cps   |
| Dysprosium | 156-2 | 2030     | 1984     | 2150     | 2055     | 4.19   | cps   |
| Dysprosium | 156-1 | 4043     | 4084     | 4042     | 4056     | 0.59   | cps   |
| Erbium     | 164-1 | 3717     | 3909     | 3584     | 3737     | 4.37   | cps   |
| Erbium     | 164-2 | 1994     | 1957     | 2080     | 2010     | 3.15   | cps   |
| Gadolinium | 160-2 | 2374     | 2440     | 2330     | 2381     | 2.33   | cps   |
| Gadolinium | 160-1 | 3942     | 3934     | 4168     | 4015     | 3.30   | cps   |
| Holmium    | 165-2 | 6243314  | 6222419  | 6253903  | 6239879  | 0.26   | cps   |
| Holmium    | 165-1 | 10623472 | 10562163 | 10630859 | 10605498 | 0.36   | cps   |
| Indium     | 115-1 | 8757569  | 8792054  | 8661046  | 8736890  | 0.78   | cps   |
| Indium     | 115-2 | 1850914  | 1846006  | 1860645  | 1852522  | 0.40   | cps   |
| Iron       | 56-2  | 12060167 | 12041849 | 11931557 | 12011191 | 0.58   | cps   |
| Iron       | 57-2  | 293780   | 294308   | 295400   | 294496   | 0.28   | cps   |
| Lead       | 206-1 | 2201345  | 2192658  | 2178556  | 2190853  | 0.52   | cps   |
| Lead       | 207-1 | 1813098  | 1813149  | 1812829  | 1813025  | 0.01   | cps   |
| Lead       | 208-1 | 8556630  | 8522895  | 8536673  | 8538733  | 0.20   | cps   |
| Lithium    | 6-1   | 305510   | 304472   | 302643   | 304208   | 0.48   | cps   |
| Magnesium  | 24-2  | 75851    | 74142    | 75499    | 75164    | 1.20   | cps   |
| Manganese  | 55-2  | 90858    | 88427    | 90590    | 89958    | 1.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2867     | 2917     | 2834     | 2873     | 1.46   | cps   |
| Molybdenum | 95-1  | 2150     | 2584     | 2567     | 2434     | 10.09  | cps   |
| Molybdenum | 96-1  | 2500     | 2767     | 3159     | 2809     | 11.79  | cps   |
| Molybdenum | 97-1  | 1558     | 1383     | 1567     | 1503     | 6.89   | cps   |
| Molybdenum | 98-1  | 3242     | 4101     | 4509     | 3951     | 16.37  | cps   |
| Neodymium  | 150-1 | 5768     | 5908     | 6015     | 5897     | 2.10   | cps   |
| Neodymium  | 150-2 | 2624     | 2574     | 2770     | 2656     | 3.85   | cps   |
| Nickel     | 60-2  | 6058     | 5831     | 5708     | 5866     | 3.03   | cps   |
| Phosphorus | 31-2  | 2025     | 1884     | 1942     | 1950     | 3.65   | cps   |
| Potassium  | 39-2  | 55613    | 55647    | 56274    | 55845    | 0.67   | cps   |
| Rhodium    | 103-2 | 4484676  | 4511909  | 4525784  | 4507457  | 0.46   | cps   |
| Rhodium    | 103-1 | 8145125  | 8209976  | 8243291  | 8199464  | 0.61   | cps   |
| Scandium   | 45-1  | 5531861  | 5459766  | 5443449  | 5478359  | 0.86   | cps   |
| Scandium   | 45-2  | 273036   | 271385   | 276433   | 273618   | 0.94   | cps   |
| Selenium   | 77-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Selenium   | 78-2  | 80       | 80       | 100      | 86       | 13.61  | cps   |
| Selenium   | 82-1  | 138      | 111      | 102      | 117      | 16.07  | cps   |
| Silicon    | 28-1  | 3848809  | 3850108  | 3829098  | 3842672  | 0.31   | cps   |
| Silver     | 109-1 | 2209     | 2017     | 2125     | 2117     | 4.54   | cps   |
| Silver     | 107-1 | 2309     | 1975     | 2400     | 2228     | 10.04  | cps   |
| Sodium     | 23-2  | 36947    | 36671    | 36362    | 36660    | 0.80   | cps   |
| Strontium  | 86-1  | 50189    | 49762    | 49796    | 49916    | 0.48   | cps   |
| Strontium  | 88-1  | 430153   | 431521   | 430727   | 430801   | 0.16   | cps   |
| Sulfur     | 34-1  | 299477   | 300447   | 298296   | 299407   | 0.36   | cps   |
| Terbium    | 159-1 | 11212845 | 11125957 | 11217481 | 11185428 | 0.46   | cps   |
| Terbium    | 159-2 | 6198582  | 6260829  | 6259558  | 6239657  | 0.57   | cps   |
| Thallium   | 203-1 | 342      | 242      | 275      | 286      | 17.80  | cps   |
| Thallium   | 205-1 | 800      | 983      | 717      | 833      | 16.37  | cps   |
| Tin        | 118-1 | 51621    | 52516    | 52215    | 52117    | 0.87   | cps   |
| Titanium   | 47-1  | 7185     | 7561     | 8036     | 7594     | 5.61   | cps   |
| Uranium    | 238-1 | 7694     | 7469     | 7111     | 7425     | 3.96   | cps   |
| Vanadium   | 51-2  | 12562    | 12629    | 12963    | 12718    | 1.69   | cps   |
| Yttrium    | 89-2  | 1515505  | 1526583  | 1522737  | 1521608  | 0.37   | cps   |
| Yttrium    | 89-1  | 9581275  | 9545916  | 9528843  | 9552011  | 0.28   | cps   |
| Zinc       | 66-2  | 130403   | 130550   | 128953   | 129969   | 0.68   | cps   |
| Zirconium  | 90-1  | 4109     | 4359     | 4668     | 4379     | 6.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-11DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BP5DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:39:42 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 867  | 800  | 967  | 878     | 9.56   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1226-18DL2X100 Instrumnet Name : P7  
 Client Sample ID : ME5BQ2DL2 Dilution Factor : 100  
 Date & Time Acquired :: 2017-02-02 15:43:14 DataFile Name : 019SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 103021   | 104329   | 101846   | 103065   | 1.21   | cps   |
| Antimony   | 121-1 | 8303     | 8211     | 8244     | 8253     | 0.56   | cps   |
| Arsenic    | 75-2  | 519      | 491      | 519      | 509      | 3.15   | cps   |
| Barium     | 135-1 | 334012   | 338568   | 333643   | 335408   | 0.82   | cps   |
| Barium     | 137-1 | 584748   | 578476   | 589053   | 584093   | 0.91   | cps   |
| Beryllium  | 9-1   | 156      | 200      | 183      | 180      | 12.50  | cps   |
| Bismuth    | 209-1 | 6693360  | 6709074  | 6661254  | 6687896  | 0.36   | cps   |
| Bismuth    | 209-2 | 4444807  | 4450921  | 4463226  | 4452985  | 0.21   | cps   |
| Boron      | 10-1  | 625      | 750      | 667      | 681      | 9.35   | cps   |
| Boron      | 11-1  | 3826     | 3992     | 4034     | 3951     | 2.79   | cps   |
| Cadmium    | 106-1 | 2092     | 2309     | 2434     | 2278     | 7.59   | cps   |
| Cadmium    | 108-1 | 125      | 104      | 133      | 121      | 12.43  | cps   |
| Cadmium    | 111-1 | 2985     | 3252     | 3110     | 3116     | 4.28   | cps   |
| Calcium    | 43-1  | 99634    | 101556   | 101153   | 100781   | 1.01   | cps   |
| Calcium    | 44-1  | 1644145  | 1640465  | 1641648  | 1642086  | 0.11   | cps   |
| Chromium   | 52-2  | 26581    | 26397    | 26895    | 26624    | 0.95   | cps   |
| Cobalt     | 59-2  | 11508    | 11638    | 11875    | 11674    | 1.59   | cps   |
| Copper     | 63-2  | 141608   | 141836   | 142519   | 141988   | 0.33   | cps   |
| Dysprosium | 156-2 | 1567     | 1830     | 1800     | 1732     | 8.32   | cps   |
| Dysprosium | 156-1 | 3201     | 3151     | 3276     | 3209     | 1.96   | cps   |
| Erbium     | 164-1 | 3009     | 3126     | 2875     | 3003     | 4.17   | cps   |
| Erbium     | 164-2 | 1727     | 1717     | 1800     | 1748     | 2.60   | cps   |
| Gadolinium | 160-2 | 1890     | 2010     | 1807     | 1902     | 5.37   | cps   |
| Gadolinium | 160-1 | 3192     | 3117     | 3059     | 3123     | 2.14   | cps   |
| Holmium    | 165-2 | 6213675  | 6242820  | 6220093  | 6225529  | 0.25   | cps   |
| Holmium    | 165-1 | 10658268 | 10510485 | 10751709 | 10640154 | 1.14   | cps   |
| Indium     | 115-1 | 8672053  | 8703333  | 8717076  | 8697488  | 0.27   | cps   |
| Indium     | 115-2 | 1837456  | 1842773  | 1852167  | 1844132  | 0.40   | cps   |
| Iron       | 56-2  | 11469484 | 11504117 | 11412971 | 11462191 | 0.40   | cps   |
| Iron       | 57-2  | 281662   | 282853   | 280742   | 281752   | 0.38   | cps   |
| Lead       | 206-1 | 2371283  | 2344251  | 2363060  | 2359531  | 0.59   | cps   |
| Lead       | 207-1 | 1984636  | 1956366  | 1974262  | 1971755  | 0.73   | cps   |
| Lead       | 208-1 | 9298308  | 9190263  | 9230803  | 9239791  | 0.59   | cps   |
| Lithium    | 6-1   | 299770   | 299149   | 302978   | 300632   | 0.68   | cps   |
| Magnesium  | 24-2  | 175261   | 172474   | 177414   | 175049   | 1.41   | cps   |
| Manganese  | 55-2  | 127446   | 127432   | 127433   | 127437   | 0.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-18DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BQ2DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:43:14 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2417     | 2442     | 2742     | 2534     | 7.14   | cps   |
| Molybdenum | 95-1  | 1884     | 1984     | 2459     | 2109     | 14.57  | cps   |
| Molybdenum | 96-1  | 2292     | 2425     | 2725     | 2481     | 8.95   | cps   |
| Molybdenum | 97-1  | 1050     | 1175     | 1559     | 1261     | 21.01  | cps   |
| Molybdenum | 98-1  | 2992     | 3251     | 3801     | 3348     | 12.34  | cps   |
| Neodymium  | 150-1 | 4881     | 4608     | 4974     | 4821     | 3.95   | cps   |
| Neodymium  | 150-2 | 2147     | 2020     | 2114     | 2094     | 3.14   | cps   |
| Nickel     | 60-2  | 11335    | 11431    | 11868    | 11545    | 2.46   | cps   |
| Phosphorus | 31-2  | 1558     | 1308     | 1392     | 1420     | 8.97   | cps   |
| Potassium  | 39-2  | 58709    | 59746    | 59671    | 59375    | 0.97   | cps   |
| Rhodium    | 103-2 | 4500247  | 4505743  | 4521618  | 4509203  | 0.25   | cps   |
| Rhodium    | 103-1 | 8240476  | 8238058  | 8364062  | 8280865  | 0.87   | cps   |
| Scandium   | 45-1  | 5531452  | 5465599  | 5503420  | 5500157  | 0.60   | cps   |
| Scandium   | 45-2  | 274519   | 275176   | 273700   | 274465   | 0.27   | cps   |
| Selenium   | 77-2  | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 102      | 111      | 80       | 98       | 16.59  | cps   |
| Selenium   | 82-1  | 56       | 123      | 7        | 62       | 94.61  | cps   |
| Silicon    | 28-1  | 3483717  | 3442204  | 3502204  | 3476042  | 0.88   | cps   |
| Silver     | 109-1 | 1909     | 1684     | 1809     | 1800     | 6.26   | cps   |
| Silver     | 107-1 | 1975     | 2134     | 1892     | 2000     | 6.14   | cps   |
| Sodium     | 23-2  | 38066    | 38467    | 39353    | 38628    | 1.70   | cps   |
| Strontium  | 86-1  | 53727    | 54479    | 53141    | 53782    | 1.25   | cps   |
| Strontium  | 88-1  | 458523   | 460197   | 463683   | 460801   | 0.57   | cps   |
| Sulfur     | 34-1  | 293590   | 296721   | 292797   | 294369   | 0.70   | cps   |
| Terbium    | 159-1 | 11265629 | 11179684 | 11322870 | 11256061 | 0.64   | cps   |
| Terbium    | 159-2 | 6183756  | 6239442  | 6304122  | 6242440  | 0.96   | cps   |
| Thallium   | 203-1 | 317      | 342      | 367      | 342      | 7.32   | cps   |
| Thallium   | 205-1 | 875      | 725      | 725      | 775      | 11.17  | cps   |
| Tin        | 118-1 | 83381    | 83389    | 83750    | 83506    | 0.25   | cps   |
| Titanium   | 47-1  | 15217    | 15058    | 15417    | 15231    | 1.18   | cps   |
| Uranium    | 238-1 | 4018     | 4409     | 4176     | 4201     | 4.69   | cps   |
| Vanadium   | 51-2  | 10707    | 10304    | 10144    | 10385    | 2.80   | cps   |
| Yttrium    | 89-2  | 1511269  | 1524066  | 1529490  | 1521608  | 0.61   | cps   |
| Yttrium    | 89-1  | 9507090  | 9554131  | 9651333  | 9570851  | 0.77   | cps   |
| Zinc       | 66-2  | 132451   | 133052   | 132245   | 132583   | 0.32   | cps   |
| Zirconium  | 90-1  | 3801     | 4001     | 3809     | 3870     | 2.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1226-18DL2X100     | Instrumnet Name : | P7        |
| Client Sample ID :      | ME5BQ2DL2           | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-02-02 15:43:14 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 767  | 658  | 758     | 12.67  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 30357    | 30532    | 31584    | 30824    | 2.15   | cps   |
| Antimony   | 121-1 | 1884     | 1867     | 2117     | 1956     | 7.15   | cps   |
| Arsenic    | 75-2  | 7508     | 7689     | 7584     | 7593     | 1.20   | cps   |
| Barium     | 135-1 | 54081    | 53044    | 54934    | 54019    | 1.75   | cps   |
| Barium     | 137-1 | 90863    | 91920    | 91618    | 91467    | 0.60   | cps   |
| Beryllium  | 9-1   | 178      | 156      | 156      | 163      | 7.87   | cps   |
| Bismuth    | 209-1 | 6644195  | 6648109  | 6692809  | 6661704  | 0.41   | cps   |
| Bismuth    | 209-2 | 4432871  | 4456221  | 4469403  | 4452832  | 0.42   | cps   |
| Boron      | 10-1  | 492      | 308      | 450      | 417      | 23.07  | cps   |
| Boron      | 11-1  | 2050     | 2134     | 2034     | 2072     | 2.59   | cps   |
| Cadmium    | 106-1 | 1992     | 2167     | 2109     | 2089     | 4.27   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 4        | 13       | 57.72  | cps   |
| Cadmium    | 111-1 | 1491     | 1605     | 1577     | 1558     | 3.82   | cps   |
| Calcium    | 43-1  | 98536    | 97127    | 97227    | 97630    | 0.81   | cps   |
| Calcium    | 44-1  | 1598995  | 1603299  | 1607960  | 1603418  | 0.28   | cps   |
| Chromium   | 52-2  | 4007     | 3901     | 3697     | 3868     | 4.07   | cps   |
| Cobalt     | 59-2  | 7215     | 7032     | 7192     | 7146     | 1.40   | cps   |
| Copper     | 63-2  | 14751    | 14581    | 14688    | 14673    | 0.59   | cps   |
| Dysprosium | 156-2 | 3454     | 3310     | 3481     | 3415     | 2.68   | cps   |
| Dysprosium | 156-1 | 6268     | 6327     | 6810     | 6468     | 4.60   | cps   |
| Erbium     | 164-1 | 6327     | 6218     | 5826     | 6124     | 4.30   | cps   |
| Erbium     | 164-2 | 3597     | 3747     | 3617     | 3654     | 2.23   | cps   |
| Gadolinium | 160-2 | 4187     | 4314     | 4227     | 4243     | 1.53   | cps   |
| Gadolinium | 160-1 | 6160     | 6218     | 6785     | 6388     | 5.41   | cps   |
| Holmium    | 165-2 | 6241111  | 6218201  | 6233958  | 6231090  | 0.19   | cps   |
| Holmium    | 165-1 | 10795740 | 10701992 | 10744855 | 10747529 | 0.44   | cps   |
| Indium     | 115-1 | 8775239  | 8769352  | 8739492  | 8761361  | 0.22   | cps   |
| Indium     | 115-2 | 1851998  | 1852359  | 1851918  | 1852092  | 0.01   | cps   |
| Iron       | 56-2  | 1203620  | 1209494  | 1202161  | 1205092  | 0.32   | cps   |
| Iron       | 57-2  | 30037    | 30053    | 28974    | 29688    | 2.08   | cps   |
| Lead       | 206-1 | 37821    | 37704    | 37676    | 37734    | 0.20   | cps   |
| Lead       | 207-1 | 31850    | 31310    | 32011    | 31724    | 1.16   | cps   |
| Lead       | 208-1 | 146777   | 146639   | 147542   | 146986   | 0.33   | cps   |
| Lithium    | 6-1   | 299585   | 309438   | 302756   | 303927   | 1.66   | cps   |
| Magnesium  | 24-2  | 278143   | 275517   | 277426   | 277029   | 0.49   | cps   |
| Manganese  | 55-2  | 366572   | 369335   | 368881   | 368262   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1008     | 1000     | 933      | 981      | 4.19   | cps   |
| Molybdenum | 95-1  | 808      | 908      | 1117     | 945      | 16.66  | cps   |
| Molybdenum | 96-1  | 925      | 1033     | 1108     | 1022     | 9.02   | cps   |
| Molybdenum | 97-1  | 367      | 517      | 783      | 556      | 37.99  | cps   |
| Molybdenum | 98-1  | 1150     | 1350     | 1942     | 1481     | 27.81  | cps   |
| Neodymium  | 150-1 | 9977     | 9677     | 9557     | 9737     | 2.22   | cps   |
| Neodymium  | 150-2 | 4447     | 4271     | 4154     | 4291     | 3.44   | cps   |
| Nickel     | 60-2  | 1803     | 1800     | 1923     | 1842     | 3.81   | cps   |
| Phosphorus | 31-2  | 300      | 358      | 250      | 303      | 17.91  | cps   |
| Potassium  | 39-2  | 63386    | 60750    | 60691    | 61609    | 2.50   | cps   |
| Rhodium    | 103-2 | 4535059  | 4532395  | 4529423  | 4532292  | 0.06   | cps   |
| Rhodium    | 103-1 | 8375502  | 8308666  | 8331684  | 8338617  | 0.41   | cps   |
| Scandium   | 45-1  | 5535673  | 5641834  | 5598711  | 5592072  | 0.95   | cps   |
| Scandium   | 45-2  | 277656   | 274080   | 278105   | 276614   | 0.80   | cps   |
| Selenium   | 77-2  | 20       | 7        | 27       | 18       | 57.27  | cps   |
| Selenium   | 78-2  | 107      | 81       | 100      | 96       | 13.87  | cps   |
| Selenium   | 82-1  | 24       | 92       | 61       | 59       | 56.95  | cps   |
| Silicon    | 28-1  | 2598425  | 2616077  | 2605502  | 2606668  | 0.34   | cps   |
| Silver     | 109-1 | 200      | 158      | 317      | 225      | 36.48  | cps   |
| Silver     | 107-1 | 308      | 292      | 325      | 308      | 5.41   | cps   |
| Sodium     | 23-2  | 122539   | 121531   | 123210   | 122427   | 0.69   | cps   |
| Strontium  | 86-1  | 26142    | 27077    | 28145    | 27121    | 3.70   | cps   |
| Strontium  | 88-1  | 227120   | 226959   | 225607   | 226562   | 0.37   | cps   |
| Sulfur     | 34-1  | 299044   | 297522   | 299401   | 298656   | 0.33   | cps   |
| Terbium    | 159-1 | 11298521 | 11213182 | 11358287 | 11289997 | 0.65   | cps   |
| Terbium    | 159-2 | 6234413  | 6243651  | 6231680  | 6236581  | 0.10   | cps   |
| Thallium   | 203-1 | 133      | 142      | 167      | 147      | 11.78  | cps   |
| Thallium   | 205-1 | 325      | 333      | 267      | 308      | 11.78  | cps   |
| Tin        | 118-1 | 1458     | 1442     | 1642     | 1514     | 7.33   | cps   |
| Titanium   | 47-1  | 1717     | 1909     | 1684     | 1770     | 6.86   | cps   |
| Uranium    | 238-1 | 2692     | 2692     | 2692     | 2692     | 0.00   | cps   |
| Vanadium   | 51-2  | 5028     | 4948     | 5351     | 5109     | 4.18   | cps   |
| Yttrium    | 89-2  | 1535293  | 1528697  | 1539056  | 1534349  | 0.34   | cps   |
| Yttrium    | 89-1  | 9704792  | 9649190  | 9692054  | 9682012  | 0.30   | cps   |
| Zinc       | 66-2  | 3010     | 2970     | 3317     | 3099     | 6.12   | cps   |
| Zirconium  | 90-1  | 1208     | 1167     | 1417     | 1264     | 10.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1257-04DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CN0DL2           | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2017-02-02 15:46:46 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 292  | 217  | 256     | 14.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 275      | 192      | 258      | 242      | 18.25  | cps   |
| Antimony   | 121-1 | 5701     | 5793     | 6060     | 5851     | 3.18   | cps   |
| Arsenic    | 75-2  | 44035    | 44492    | 44170    | 44232    | 0.53   | cps   |
| Barium     | 135-1 | 73863    | 75178    | 74692    | 74578    | 0.89   | cps   |
| Barium     | 137-1 | 128413   | 131247   | 132444   | 130701   | 1.58   | cps   |
| Beryllium  | 9-1   | 11       | 22       | 11       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 6933728  | 6884168  | 6779984  | 6865960  | 1.14   | cps   |
| Bismuth    | 209-2 | 4580784  | 4597665  | 4588260  | 4588903  | 0.18   | cps   |
| Boron      | 10-1  | 1025     | 850      | 917      | 931      | 9.49   | cps   |
| Boron      | 11-1  | 5226     | 5043     | 5276     | 5182     | 2.37   | cps   |
| Cadmium    | 106-1 | 2209     | 2142     | 1992     | 2114     | 5.25   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 4        | 10       | 65.47  | cps   |
| Cadmium    | 111-1 | 1553     | 1504     | 1400     | 1486     | 5.26   | cps   |
| Calcium    | 43-1  | 1206997  | 1199217  | 1195232  | 1200482  | 0.50   | cps   |
| Calcium    | 44-1  | 19700113 | 19541682 | 19305485 | 19515760 | 1.02   | cps   |
| Chromium   | 52-2  | 1753     | 1697     | 1707     | 1719     | 1.76   | cps   |
| Cobalt     | 59-2  | 183      | 197      | 263      | 214      | 19.99  | cps   |
| Copper     | 63-2  | 1287     | 1277     | 1367     | 1310     | 3.77   | cps   |
| Dysprosium | 156-2 | 27       | 17       | 23       | 22       | 22.91  | cps   |
| Dysprosium | 156-1 | 25       | 50       | 8        | 28       | 75.51  | cps   |
| Erbium     | 164-1 | 83       | 58       | 50       | 64       | 27.15  | cps   |
| Erbium     | 164-2 | 33       | 37       | 73       | 48       | 46.46  | cps   |
| Gadolinium | 160-2 | 43       | 47       | 43       | 44       | 4.34   | cps   |
| Gadolinium | 160-1 | 92       | 50       | 108      | 83       | 36.06  | cps   |
| Holmium    | 165-2 | 6425526  | 6431396  | 6442327  | 6433083  | 0.13   | cps   |
| Holmium    | 165-1 | 11110714 | 11219724 | 11076745 | 11135728 | 0.67   | cps   |
| Indium     | 115-1 | 9280543  | 9116125  | 9129507  | 9175392  | 1.00   | cps   |
| Indium     | 115-2 | 1891097  | 1902733  | 1915965  | 1903265  | 0.65   | cps   |
| Iron       | 56-2  | 15620    | 15959    | 15798    | 15793    | 1.07   | cps   |
| Iron       | 57-2  | 461      | 472      | 450      | 461      | 2.41   | cps   |
| Lead       | 206-1 | 1400     | 1239     | 1317     | 1319     | 6.11   | cps   |
| Lead       | 207-1 | 1100     | 1111     | 1289     | 1167     | 9.09   | cps   |
| Lead       | 208-1 | 5084     | 5017     | 5273     | 5125     | 2.59   | cps   |
| Lithium    | 6-1   | 322070   | 317203   | 315543   | 318272   | 1.07   | cps   |
| Magnesium  | 24-2  | 4077393  | 4125903  | 4115587  | 4106295  | 0.62   | cps   |
| Manganese  | 55-2  | 3580     | 3684     | 3831     | 3698     | 3.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1859     | 2009     | 2359     | 2075     | 12.37  | cps   |
| Molybdenum | 95-1  | 2550     | 2659     | 2867     | 2692     | 5.98   | cps   |
| Molybdenum | 96-1  | 3276     | 3009     | 3159     | 3148     | 4.25   | cps   |
| Molybdenum | 97-1  | 1809     | 1659     | 1642     | 1703     | 5.39   | cps   |
| Molybdenum | 98-1  | 3751     | 4217     | 4826     | 4265     | 12.64  | cps   |
| Neodymium  | 150-1 | 67       | 73       | 47       | 62       | 22.30  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 7        | 11       | 34.61  | cps   |
| Nickel     | 60-2  | 93       | 127      | 170      | 130      | 29.57  | cps   |
| Phosphorus | 31-2  | 225      | 267      | 125      | 206      | 35.42  | cps   |
| Potassium  | 39-2  | 625916   | 627606   | 627241   | 626921   | 0.14   | cps   |
| Rhodium    | 103-2 | 4564193  | 4596892  | 4611721  | 4590935  | 0.53   | cps   |
| Rhodium    | 103-1 | 8551641  | 8551398  | 8457904  | 8520314  | 0.63   | cps   |
| Scandium   | 45-1  | 5858526  | 5818596  | 5771924  | 5816349  | 0.75   | cps   |
| Scandium   | 45-2  | 285195   | 284065   | 285635   | 284965   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 80       | 74       | 106      | 86       | 19.45  | cps   |
| Selenium   | 82-1  | 107      | 158      | 76       | 114      | 36.32  | cps   |
| Silicon    | 28-1  | 22026842 | 21876322 | 21856562 | 21919909 | 0.42   | cps   |
| Silver     | 109-1 | 42       | 108      | 50       | 67       | 54.49  | cps   |
| Silver     | 107-1 | 167      | 125      | 133      | 142      | 15.56  | cps   |
| Sodium     | 23-2  | 1114769  | 1112248  | 1114705  | 1113907  | 0.13   | cps   |
| Strontium  | 86-1  | 301593   | 297217   | 296864   | 298558   | 0.88   | cps   |
| Strontium  | 88-1  | 2611321  | 2597521  | 2594008  | 2600950  | 0.35   | cps   |
| Sulfur     | 34-1  | 583671   | 589475   | 584723   | 585956   | 0.53   | cps   |
| Terbium    | 159-1 | 11804717 | 11949284 | 11836273 | 11863425 | 0.64   | cps   |
| Terbium    | 159-2 | 6415865  | 6435358  | 6321558  | 6390927  | 0.95   | cps   |
| Thallium   | 203-1 | 125      | 192      | 133      | 150      | 24.22  | cps   |
| Thallium   | 205-1 | 375      | 325      | 350      | 350      | 7.14   | cps   |
| Tin        | 118-1 | 975      | 1017     | 1158     | 1050     | 9.15   | cps   |
| Titanium   | 47-1  | 442      | 508      | 442      | 464      | 8.30   | cps   |
| Uranium    | 238-1 | 12039    | 11681    | 11798    | 11839    | 1.55   | cps   |
| Vanadium   | 51-2  | 920      | 823      | 807      | 850      | 7.20   | cps   |
| Yttrium    | 89-2  | 1555265  | 1565747  | 1562423  | 1561145  | 0.34   | cps   |
| Yttrium    | 89-1  | 9993988  | 9979878  | 9959359  | 9977742  | 0.17   | cps   |
| Zinc       | 66-2  | 387      | 333      | 303      | 341      | 12.37  | cps   |
| Zirconium  | 90-1  | 1567     | 1634     | 1425     | 1542     | 6.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:50:19 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 475  | 483  | 444     | 13.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 233      | 358      | 409      | 333      | 27.06  | cps   |
| Antimony   | 121-1 | 5843     | 5551     | 5735     | 5710     | 2.58   | cps   |
| Arsenic    | 75-2  | 44943    | 44540    | 44319    | 44601    | 0.71   | cps   |
| Barium     | 135-1 | 76670    | 76787    | 75665    | 76374    | 0.81   | cps   |
| Barium     | 137-1 | 131510   | 131023   | 130694   | 131076   | 0.31   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 17       | 19       | 17.30  | cps   |
| Bismuth    | 209-1 | 6858159  | 6821789  | 6799134  | 6826361  | 0.44   | cps   |
| Bismuth    | 209-2 | 4518898  | 4566842  | 4561825  | 4549188  | 0.58   | cps   |
| Boron      | 10-1  | 900      | 917      | 900      | 906      | 1.06   | cps   |
| Boron      | 11-1  | 5076     | 5076     | 5285     | 5146     | 2.34   | cps   |
| Cadmium    | 106-1 | 2142     | 1967     | 1909     | 2006     | 6.06   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 8        | 12       | 57.75  | cps   |
| Cadmium    | 111-1 | 1514     | 1375     | 1343     | 1411     | 6.47   | cps   |
| Calcium    | 43-1  | 1190071  | 1196807  | 1186462  | 1191114  | 0.44   | cps   |
| Calcium    | 44-1  | 19255500 | 19477524 | 19272222 | 19335082 | 0.64   | cps   |
| Chromium   | 52-2  | 2120     | 1763     | 1987     | 1957     | 9.21   | cps   |
| Cobalt     | 59-2  | 180      | 283      | 220      | 228      | 22.88  | cps   |
| Copper     | 63-2  | 1420     | 1460     | 1370     | 1417     | 3.18   | cps   |
| Dysprosium | 156-2 | 7        | 23       | 17       | 16       | 53.90  | cps   |
| Dysprosium | 156-1 | 33       | 25       | 58       | 39       | 44.62  | cps   |
| Erbium     | 164-1 | 83       | 67       | 42       | 64       | 32.83  | cps   |
| Erbium     | 164-2 | 60       | 47       | 30       | 46       | 32.99  | cps   |
| Gadolinium | 160-2 | 33       | 37       | 33       | 34       | 5.60   | cps   |
| Gadolinium | 160-1 | 58       | 92       | 67       | 72       | 24.02  | cps   |
| Holmium    | 165-2 | 6352122  | 6287303  | 6418186  | 6352537  | 1.03   | cps   |
| Holmium    | 165-1 | 11117455 | 11131199 | 11041508 | 11096721 | 0.44   | cps   |
| Indium     | 115-1 | 9071703  | 8984759  | 9006011  | 9020824  | 0.50   | cps   |
| Indium     | 115-2 | 1875548  | 1894218  | 1900309  | 1890025  | 0.68   | cps   |
| Iron       | 56-2  | 17111    | 18062    | 18218    | 17797    | 3.37   | cps   |
| Iron       | 57-2  | 500      | 483      | 600      | 528      | 11.96  | cps   |
| Lead       | 206-1 | 1206     | 1111     | 1122     | 1146     | 4.50   | cps   |
| Lead       | 207-1 | 933      | 1033     | 1039     | 1002     | 5.93   | cps   |
| Lead       | 208-1 | 4445     | 4589     | 4623     | 4552     | 2.08   | cps   |
| Lithium    | 6-1   | 317938   | 314227   | 317252   | 316472   | 0.62   | cps   |
| Magnesium  | 24-2  | 4049288  | 4095787  | 4062509  | 4069194  | 0.59   | cps   |
| Manganese  | 55-2  | 6992     | 7239     | 6932     | 7054     | 2.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2534     | 2709     | 2825     | 2689     | 5.46   | cps   |
| Molybdenum | 95-1  | 2617     | 2667     | 2934     | 2739     | 6.22   | cps   |
| Molybdenum | 96-1  | 2859     | 3092     | 3284     | 3078     | 6.92   | cps   |
| Molybdenum | 97-1  | 1642     | 1567     | 1759     | 1656     | 5.84   | cps   |
| Molybdenum | 98-1  | 4059     | 4526     | 4176     | 4254     | 5.71   | cps   |
| Neodymium  | 150-1 | 53       | 73       | 33       | 53       | 37.51  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 7        | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 137      | 150      | 130      | 139      | 7.33   | cps   |
| Phosphorus | 31-2  | 208      | 192      | 275      | 225      | 19.60  | cps   |
| Potassium  | 39-2  | 615887   | 633676   | 615572   | 621712   | 1.67   | cps   |
| Rhodium    | 103-2 | 4528429  | 4550719  | 4572660  | 4550603  | 0.49   | cps   |
| Rhodium    | 103-1 | 8433575  | 8559990  | 8399840  | 8464469  | 1.00   | cps   |
| Scandium   | 45-1  | 5731852  | 5799468  | 5698819  | 5743380  | 0.89   | cps   |
| Scandium   | 45-2  | 281427   | 283564   | 277402   | 280798   | 1.11   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 85       | 85       | 104      | 91       | 11.70  | cps   |
| Selenium   | 82-1  | 63       | 85       | 102      | 84       | 23.14  | cps   |
| Silicon    | 28-1  | 22007868 | 21817755 | 22048833 | 21958152 | 0.56   | cps   |
| Silver     | 109-1 | 83       | 58       | 33       | 58       | 42.85  | cps   |
| Silver     | 107-1 | 167      | 125      | 58       | 117      | 46.84  | cps   |
| Sodium     | 23-2  | 1093519  | 1112484  | 1103368  | 1103124  | 0.86   | cps   |
| Strontium  | 86-1  | 292514   | 289486   | 292824   | 291608   | 0.63   | cps   |
| Strontium  | 88-1  | 2562756  | 2554795  | 2556944  | 2558165  | 0.16   | cps   |
| Sulfur     | 34-1  | 582885   | 590061   | 584344   | 585763   | 0.65   | cps   |
| Terbium    | 159-1 | 11675003 | 11764506 | 11763193 | 11734234 | 0.44   | cps   |
| Terbium    | 159-2 | 6407429  | 6403093  | 6385232  | 6398585  | 0.18   | cps   |
| Thallium   | 203-1 | 167      | 200      | 150      | 172      | 14.78  | cps   |
| Thallium   | 205-1 | 383      | 467      | 400      | 417      | 10.58  | cps   |
| Tin        | 118-1 | 975      | 1133     | 967      | 1025     | 9.16   | cps   |
| Titanium   | 47-1  | 442      | 267      | 517      | 408      | 31.42  | cps   |
| Uranium    | 238-1 | 11481    | 11948    | 10380    | 11269    | 7.14   | cps   |
| Vanadium   | 51-2  | 867      | 857      | 880      | 868      | 1.35   | cps   |
| Yttrium    | 89-2  | 1539203  | 1550237  | 1550747  | 1546729  | 0.42   | cps   |
| Yttrium    | 89-1  | 9809143  | 9892086  | 9801865  | 9834365  | 0.51   | cps   |
| Zinc       | 66-2  | 297      | 357      | 370      | 341      | 11.45  | cps   |
| Zirconium  | 90-1  | 3142     | 3034     | 3226     | 3134     | 3.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1254-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CK2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:53:51 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 783  | 950  | 783  | 839     | 11.47  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1407-24 Instrumnet Name : P7  
 Client Sample ID : M64604GH425250.2S-09 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 15:57:24 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3067     | 2934     | 2742     | 2914     | 5.61   | cps   |
| Antimony   | 121-1 | 4918     | 4976     | 5068     | 4987     | 1.52   | cps   |
| Arsenic    | 75-2  | 178      | 180      | 167      | 175      | 4.01   | cps   |
| Barium     | 135-1 | 118159   | 119351   | 118233   | 118581   | 0.56   | cps   |
| Barium     | 137-1 | 202159   | 204382   | 204840   | 203794   | 0.70   | cps   |
| Beryllium  | 9-1   | 6        | 17       | 11       | 11       | 49.99  | cps   |
| Bismuth    | 209-1 | 6923920  | 6896867  | 6927975  | 6916254  | 0.24   | cps   |
| Bismuth    | 209-2 | 4619003  | 4625434  | 4631652  | 4625363  | 0.14   | cps   |
| Boron      | 10-1  | 2175     | 2384     | 2634     | 2398     | 9.57   | cps   |
| Boron      | 11-1  | 12597    | 12339    | 13415    | 12784    | 4.39   | cps   |
| Cadmium    | 106-1 | 2309     | 2217     | 2150     | 2225     | 3.57   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 8        | 19       | 49.50  | cps   |
| Cadmium    | 111-1 | 1715     | 1639     | 1604     | 1652     | 3.46   | cps   |
| Calcium    | 43-1  | 977631   | 973036   | 973289   | 974652   | 0.27   | cps   |
| Calcium    | 44-1  | 15832784 | 15691075 | 15694085 | 15739315 | 0.51   | cps   |
| Chromium   | 52-2  | 1127     | 1247     | 1193     | 1189     | 5.06   | cps   |
| Cobalt     | 59-2  | 703      | 713      | 747      | 721      | 3.15   | cps   |
| Copper     | 63-2  | 1995450  | 1986543  | 1986960  | 1989651  | 0.25   | cps   |
| Dysprosium | 156-2 | 30       | 20       | 20       | 23       | 24.74  | cps   |
| Dysprosium | 156-1 | 25       | 42       | 67       | 44       | 47.19  | cps   |
| Erbium     | 164-1 | 58       | 42       | 42       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 23       | 13       | 13       | 17       | 34.65  | cps   |
| Gadolinium | 160-2 | 40       | 57       | 43       | 47       | 18.90  | cps   |
| Gadolinium | 160-1 | 150      | 100      | 108      | 119      | 22.43  | cps   |
| Holmium    | 165-2 | 6541154  | 6539675  | 6462271  | 6514367  | 0.69   | cps   |
| Holmium    | 165-1 | 11448201 | 11395968 | 11365829 | 11403333 | 0.37   | cps   |
| Indium     | 115-1 | 9188549  | 9273654  | 9160481  | 9207561  | 0.64   | cps   |
| Indium     | 115-2 | 1931341  | 1916998  | 1928294  | 1925545  | 0.39   | cps   |
| Iron       | 56-2  | 51340    | 50883    | 50520    | 50914    | 0.81   | cps   |
| Iron       | 57-2  | 1283     | 1411     | 1361     | 1352     | 4.76   | cps   |
| Lead       | 206-1 | 19047    | 19075    | 18697    | 18940    | 1.11   | cps   |
| Lead       | 207-1 | 16010    | 15454    | 16283    | 15915    | 2.65   | cps   |
| Lead       | 208-1 | 75040    | 73882    | 74288    | 74403    | 0.79   | cps   |
| Lithium    | 6-1   | 320729   | 318114   | 321733   | 320192   | 0.58   | cps   |
| Magnesium  | 24-2  | 2499753  | 2504025  | 2497032  | 2500270  | 0.14   | cps   |
| Manganese  | 55-2  | 9503     | 9333     | 9553     | 9463     | 1.22   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1407-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | M64604GH425250.2S-09 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:57:24  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2309     | 2384     | 2400     | 2364     | 2.07   | cps   |
| Molybdenum | 95-1  | 2667     | 3159     | 3284     | 3037     | 10.74  | cps   |
| Molybdenum | 96-1  | 3667     | 3284     | 3442     | 3464     | 5.56   | cps   |
| Molybdenum | 97-1  | 1817     | 1725     | 1925     | 1822     | 5.49   | cps   |
| Molybdenum | 98-1  | 4618     | 4943     | 4401     | 4654     | 5.86   | cps   |
| Neodymium  | 150-1 | 33       | 13       | 0        | 16       | 107.86 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 72606    | 72338    | 72301    | 72415    | 0.23   | cps   |
| Phosphorus | 31-2  | 3276     | 2967     | 3150     | 3131     | 4.95   | cps   |
| Potassium  | 39-2  | 713589   | 710504   | 708400   | 710831   | 0.37   | cps   |
| Rhodium    | 103-2 | 4660827  | 4656192  | 4663164  | 4660061  | 0.08   | cps   |
| Rhodium    | 103-1 | 8677154  | 8617442  | 8636238  | 8643611  | 0.35   | cps   |
| Scandium   | 45-1  | 5976136  | 5953441  | 5955811  | 5961796  | 0.21   | cps   |
| Scandium   | 45-2  | 289573   | 286919   | 287486   | 287992   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 72       | 72       | 70       | 72       | 1.49   | cps   |
| Selenium   | 82-1  | 92       | 66       | -25      | 44       | 139.16 | cps   |
| Silicon    | 28-1  | 14568652 | 14500975 | 14637942 | 14569190 | 0.47   | cps   |
| Silver     | 109-1 | 283      | 225      | 342      | 283      | 20.59  | cps   |
| Silver     | 107-1 | 467      | 392      | 417      | 425      | 8.99   | cps   |
| Sodium     | 23-2  | 23016683 | 22901720 | 22757151 | 22891851 | 0.57   | cps   |
| Strontium  | 86-1  | 355394   | 362347   | 357552   | 358431   | 0.99   | cps   |
| Strontium  | 88-1  | 3132175  | 3135118  | 3121488  | 3129594  | 0.23   | cps   |
| Sulfur     | 34-1  | 621422   | 622689   | 620043   | 621384   | 0.21   | cps   |
| Terbium    | 159-1 | 12111778 | 11975754 | 12027977 | 12038503 | 0.57   | cps   |
| Terbium    | 159-2 | 6487390  | 6386046  | 6434241  | 6435892  | 0.79   | cps   |
| Thallium   | 203-1 | 100      | 33       | 42       | 58       | 62.28  | cps   |
| Thallium   | 205-1 | 208      | 150      | 167      | 175      | 17.17  | cps   |
| Tin        | 118-1 | 43577    | 43343    | 42658    | 43192    | 1.11   | cps   |
| Titanium   | 47-1  | 542      | 708      | 567      | 606      | 14.84  | cps   |
| Uranium    | 238-1 | 3659     | 3417     | 3334     | 3470     | 4.87   | cps   |
| Vanadium   | 51-2  | 300      | 320      | 310      | 310      | 3.23   | cps   |
| Yttrium    | 89-2  | 1602681  | 1580851  | 1581928  | 1588487  | 0.77   | cps   |
| Yttrium    | 89-1  | 10118463 | 10127300 | 10069378 | 10105047 | 0.31   | cps   |
| Zinc       | 66-2  | 133517   | 133611   | 133867   | 133665   | 0.14   | cps   |
| Zirconium  | 90-1  | 1967     | 1984     | 1842     | 1931     | 4.01   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1407-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | M64604GH425250.2S-09 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 15:57:24  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 425  | 483  | 414     | 18.27  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1021437  | 1025269  | 1035447  | 1027384  | 0.70   | cps   |
| Antimony   | 121-1 | 5691130  | 5712933  | 5762052  | 5722039  | 0.63   | cps   |
| Arsenic    | 75-2  | 223513   | 223976   | 224370   | 223953   | 0.19   | cps   |
| Barium     | 135-1 | 6940712  | 6932368  | 7041566  | 6971549  | 0.87   | cps   |
| Barium     | 137-1 | 11988713 | 11830107 | 12047744 | 11955521 | 0.94   | cps   |
| Beryllium  | 9-1   | 455385   | 456813   | 456467   | 456222   | 0.16   | cps   |
| Bismuth    | 209-1 | 6368927  | 6368595  | 6361272  | 6366265  | 0.07   | cps   |
| Bismuth    | 209-2 | 4300008  | 4336997  | 4361806  | 4332937  | 0.72   | cps   |
| Boron      | 10-1  | 67041    | 67995    | 68966    | 68001    | 1.42   | cps   |
| Boron      | 11-1  | 371008   | 379867   | 381515   | 377464   | 1.50   | cps   |
| Cadmium    | 106-1 | 137638   | 138252   | 139549   | 138480   | 0.70   | cps   |
| Cadmium    | 108-1 | 91887    | 92550    | 94286    | 92908    | 1.33   | cps   |
| Cadmium    | 111-1 | 1307645  | 1319854  | 1320768  | 1316089  | 0.56   | cps   |
| Calcium    | 43-1  | 1654269  | 1680083  | 1670623  | 1668325  | 0.78   | cps   |
| Calcium    | 44-1  | 26733314 | 26811456 | 27061970 | 26868913 | 0.64   | cps   |
| Chromium   | 52-2  | 2040979  | 2044231  | 2053990  | 2046400  | 0.33   | cps   |
| Cobalt     | 59-2  | 3380912  | 3380422  | 3389677  | 3383670  | 0.15   | cps   |
| Copper     | 63-2  | 4901302  | 4918679  | 4949316  | 4923099  | 0.49   | cps   |
| Dysprosium | 156-2 | 20       | 33       | 20       | 24       | 31.49  | cps   |
| Dysprosium | 156-1 | 117      | 92       | 108      | 106      | 12.06  | cps   |
| Erbium     | 164-1 | 75       | 83       | 42       | 67       | 33.07  | cps   |
| Erbium     | 164-2 | 33       | 17       | 23       | 24       | 34.31  | cps   |
| Gadolinium | 160-2 | 30       | 43       | 50       | 41       | 24.77  | cps   |
| Gadolinium | 160-1 | 75       | 25       | 108      | 69       | 60.40  | cps   |
| Holmium    | 165-2 | 6174354  | 6263639  | 6260436  | 6232810  | 0.81   | cps   |
| Holmium    | 165-1 | 10551286 | 10499155 | 10451171 | 10500537 | 0.48   | cps   |
| Indium     | 115-1 | 8312500  | 8373801  | 8386591  | 8357631  | 0.47   | cps   |
| Indium     | 115-2 | 1788778  | 1810822  | 1811901  | 1803834  | 0.72   | cps   |
| Iron       | 56-2  | 81974577 | 82023716 | 81745577 | 81914623 | 0.18   | cps   |
| Iron       | 57-2  | 2019795  | 2027190  | 2012011  | 2019666  | 0.38   | cps   |
| Lead       | 206-1 | 4014409  | 4031703  | 4059301  | 4035138  | 0.56   | cps   |
| Lead       | 207-1 | 3703117  | 3722592  | 3740724  | 3722145  | 0.51   | cps   |
| Lead       | 208-1 | 16516724 | 16467926 | 16544623 | 16509758 | 0.24   | cps   |
| Lithium    | 6-1   | 290625   | 291848   | 293818   | 292097   | 0.55   | cps   |
| Magnesium  | 24-2  | 12651397 | 12711850 | 12711842 | 12691697 | 0.27   | cps   |
| Manganese  | 55-2  | 2156318  | 2156956  | 2168487  | 2160587  | 0.32   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5432719  | 5441320  | 5442010  | 5438683  | 0.10   | cps   |
| Molybdenum | 95-1  | 2894562  | 2897027  | 2903797  | 2898462  | 0.16   | cps   |
| Molybdenum | 96-1  | 3700717  | 3738609  | 3737896  | 3725741  | 0.58   | cps   |
| Molybdenum | 97-1  | 1782289  | 1798159  | 1808098  | 1796182  | 0.72   | cps   |
| Molybdenum | 98-1  | 4635365  | 4674533  | 4669496  | 4659798  | 0.46   | cps   |
| Neodymium  | 150-1 | 307      | 247      | 267      | 273      | 11.18  | cps   |
| Neodymium  | 150-2 | 30       | 50       | 47       | 42       | 25.38  | cps   |
| Nickel     | 60-2  | 895410   | 893989   | 896032   | 895144   | 0.12   | cps   |
| Phosphorus | 31-2  | 56524    | 57076    | 56425    | 56675    | 0.62   | cps   |
| Potassium  | 39-2  | 6484854  | 6464035  | 6486788  | 6478559  | 0.19   | cps   |
| Rhodium    | 103-2 | 4304792  | 4378133  | 4379035  | 4353987  | 0.98   | cps   |
| Rhodium    | 103-1 | 7840248  | 7897275  | 7864029  | 7867184  | 0.36   | cps   |
| Scandium   | 45-1  | 5390918  | 5479778  | 5463950  | 5444882  | 0.87   | cps   |
| Scandium   | 45-2  | 269826   | 275148   | 276339   | 273771   | 1.27   | cps   |
| Selenium   | 77-2  | 3771     | 3907     | 3797     | 3825     | 1.89   | cps   |
| Selenium   | 78-2  | 13176    | 13699    | 13732    | 13536    | 2.30   | cps   |
| Selenium   | 82-1  | 81613    | 81463    | 81838    | 81638    | 0.23   | cps   |
| Silicon    | 28-1  | 3892468  | 3952886  | 3944580  | 3929978  | 0.83   | cps   |
| Silver     | 109-1 | 6514155  | 6503416  | 6564783  | 6527451  | 0.50   | cps   |
| Silver     | 107-1 | 6696047  | 6754074  | 6821388  | 6757170  | 0.93   | cps   |
| Sodium     | 23-2  | 24501756 | 24121268 | 24347095 | 24323373 | 0.79   | cps   |
| Strontium  | 86-1  | 2065355  | 2057483  | 2082738  | 2068525  | 0.62   | cps   |
| Strontium  | 88-1  | 17947763 | 17757659 | 17867638 | 17857687 | 0.53   | cps   |
| Sulfur     | 34-1  | 741819   | 749588   | 742315   | 744574   | 0.58   | cps   |
| Terbium    | 159-1 | 11103932 | 11054033 | 10992044 | 11050003 | 0.51   | cps   |
| Terbium    | 159-2 | 6170490  | 6280668  | 6285747  | 6245635  | 1.04   | cps   |
| Thallium   | 203-1 | 4999794  | 5043148  | 5067436  | 5036793  | 0.68   | cps   |
| Thallium   | 205-1 | 11813565 | 11828892 | 11723792 | 11788750 | 0.48   | cps   |
| Tin        | 118-1 | 4598613  | 4653086  | 4692970  | 4648223  | 1.02   | cps   |
| Titanium   | 47-1  | 815847   | 817958   | 822455   | 818754   | 0.41   | cps   |
| Uranium    | 238-1 | 17781563 | 17659731 | 17693816 | 17711703 | 0.35   | cps   |
| Vanadium   | 51-2  | 1671721  | 1684180  | 1691796  | 1682566  | 0.60   | cps   |
| Yttrium    | 89-2  | 1481321  | 1516562  | 1517410  | 1505097  | 1.37   | cps   |
| Yttrium    | 89-1  | 9431533  | 9369839  | 9396726  | 9399366  | 0.33   | cps   |
| Zinc       | 66-2  | 591423   | 592757   | 597916   | 594032   | 0.58   | cps   |
| Zirconium  | 90-1  | 10357669 | 10313127 | 10365594 | 10345463 | 0.27   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV091              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV091              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:00:56 | DataFile Name :   | 024CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2299354 | 2286468 | 2294883 | 2293569 | 0.29   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : CCB091 Instrumnet Name : P7  
 Client Sample ID : CCB091 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:11:07 DataFile Name : 025CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 75       | 50       | 75       | 33.33  | cps   |
| Antimony   | 121-1 | 12264    | 14925    | 18263    | 15151    | 19.84  | cps   |
| Arsenic    | 75-2  | 70       | 65       | 83       | 73       | 13.04  | cps   |
| Barium     | 135-1 | 75       | 125      | 125      | 108      | 26.65  | cps   |
| Barium     | 137-1 | 250      | 150      | 192      | 197      | 25.47  | cps   |
| Beryllium  | 9-1   | 28       | 33       | 17       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 6544549  | 6521670  | 6611833  | 6559351  | 0.71   | cps   |
| Bismuth    | 209-2 | 4393002  | 4435276  | 4478651  | 4435643  | 0.97   | cps   |
| Boron      | 10-1  | 483      | 517      | 533      | 511      | 4.98   | cps   |
| Boron      | 11-1  | 2509     | 2659     | 2600     | 2589     | 2.92   | cps   |
| Cadmium    | 106-1 | 2209     | 1792     | 2059     | 2020     | 10.45  | cps   |
| Cadmium    | 108-1 | 8        | 4        | 17       | 10       | 65.47  | cps   |
| Cadmium    | 111-1 | 1557     | 1264     | 1454     | 1425     | 10.43  | cps   |
| Calcium    | 43-1  | 425      | 450      | 367      | 414      | 10.33  | cps   |
| Calcium    | 44-1  | 18204    | 18721    | 18704    | 18543    | 1.59   | cps   |
| Chromium   | 52-2  | 810      | 880      | 843      | 844      | 4.15   | cps   |
| Cobalt     | 59-2  | 163      | 147      | 130      | 147      | 11.37  | cps   |
| Copper     | 63-2  | 643      | 703      | 647      | 664      | 5.07   | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Erbium     | 164-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Erbium     | 164-2 | 20       | 20       | 37       | 26       | 37.66  | cps   |
| Gadolinium | 160-2 | 20       | 37       | 30       | 29       | 29.04  | cps   |
| Gadolinium | 160-1 | 75       | 33       | 25       | 44       | 60.27  | cps   |
| Holmium    | 165-2 | 6114447  | 6169286  | 6186947  | 6156893  | 0.61   | cps   |
| Holmium    | 165-1 | 10747484 | 10677756 | 10687568 | 10704269 | 0.35   | cps   |
| Indium     | 115-1 | 8776434  | 8690357  | 8748398  | 8738396  | 0.50   | cps   |
| Indium     | 115-2 | 1829988  | 1853998  | 1849532  | 1844506  | 0.69   | cps   |
| Iron       | 56-2  | 6385     | 6352     | 6591     | 6442     | 2.01   | cps   |
| Iron       | 57-2  | 94       | 150      | 106      | 117      | 25.20  | cps   |
| Lead       | 206-1 | 1083     | 1083     | 950      | 1039     | 7.41   | cps   |
| Lead       | 207-1 | 1017     | 983      | 995      | 998      | 1.70   | cps   |
| Lead       | 208-1 | 4473     | 4489     | 4173     | 4378     | 4.07   | cps   |
| Lithium    | 6-1   | 298415   | 296450   | 297174   | 297346   | 0.33   | cps   |
| Magnesium  | 24-2  | 358      | 400      | 375      | 378      | 5.55   | cps   |
| Manganese  | 55-2  | 153      | 107      | 140      | 133      | 18.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB091              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB091              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:11:07 | DataFile Name :   | 025CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1225     | 1433     | 1442     | 1367     | 8.98   | cps   |
| Molybdenum | 95-1  | 1200     | 1650     | 1984     | 1611     | 24.40  | cps   |
| Molybdenum | 96-1  | 1517     | 1650     | 2059     | 1742     | 16.21  | cps   |
| Molybdenum | 97-1  | 900      | 1133     | 1242     | 1092     | 15.99  | cps   |
| Molybdenum | 98-1  | 2192     | 2209     | 3276     | 2559     | 24.26  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 80       | 80       | 78       | 4.95   | cps   |
| Phosphorus | 31-2  | 100      | 108      | 125      | 111      | 11.46  | cps   |
| Potassium  | 39-2  | 27885    | 28027    | 27660    | 27857    | 0.67   | cps   |
| Rhodium    | 103-2 | 4494533  | 4501399  | 4511285  | 4502406  | 0.19   | cps   |
| Rhodium    | 103-1 | 8353181  | 8361495  | 8196571  | 8303749  | 1.12   | cps   |
| Scandium   | 45-1  | 5480340  | 5533967  | 5484857  | 5499721  | 0.54   | cps   |
| Scandium   | 45-2  | 271213   | 273025   | 274608   | 272949   | 0.62   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 85       | 67       | 96       | 83       | 18.10  | cps   |
| Selenium   | 82-1  | 93       | 74       | 26       | 64       | 53.86  | cps   |
| Silicon    | 28-1  | 492846   | 491555   | 492264   | 492222   | 0.13   | cps   |
| Silver     | 109-1 | 133      | 117      | 133      | 128      | 7.53   | cps   |
| Silver     | 107-1 | 225      | 142      | 200      | 189      | 22.64  | cps   |
| Sodium     | 23-2  | 23936    | 24379    | 24195    | 24170    | 0.92   | cps   |
| Strontium  | 86-1  | 1033     | 1083     | 1117     | 1078     | 3.89   | cps   |
| Strontium  | 88-1  | 467      | 492      | 500      | 486      | 3.57   | cps   |
| Sulfur     | 34-1  | 298364   | 298277   | 299971   | 298871   | 0.32   | cps   |
| Terbium    | 159-1 | 11289552 | 11154505 | 11274520 | 11239526 | 0.66   | cps   |
| Terbium    | 159-2 | 6172116  | 6218266  | 6242006  | 6210796  | 0.57   | cps   |
| Thallium   | 203-1 | 183      | 150      | 167      | 167      | 10.00  | cps   |
| Thallium   | 205-1 | 433      | 525      | 433      | 464      | 11.41  | cps   |
| Tin        | 118-1 | 1792     | 1950     | 2492     | 2078     | 17.67  | cps   |
| Titanium   | 47-1  | 108      | 150      | 158      | 139      | 19.29  | cps   |
| Uranium    | 238-1 | 242      | 175      | 208      | 208      | 16.00  | cps   |
| Vanadium   | 51-2  | 23       | 37       | 33       | 31       | 22.31  | cps   |
| Yttrium    | 89-2  | 1500394  | 1518412  | 1514612  | 1511139  | 0.63   | cps   |
| Yttrium    | 89-1  | 9517132  | 9468314  | 9496387  | 9493944  | 0.26   | cps   |
| Zinc       | 66-2  | 163      | 230      | 223      | 206      | 17.86  | cps   |
| Zirconium  | 90-1  | 1308     | 1300     | 1400     | 1336     | 4.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB091              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB091              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:11:07 | DataFile Name :   | 025CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 267  | 275  | 278     | 4.58   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-12 Instrumnet Name : P7  
 Client Sample ID : R44501MOB1156.7F-063 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:18:09 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 181458   | 184854   | 185461   | 183924   | 1.17   | cps   |
| Antimony   | 121-1 | 6252     | 6685     | 6193     | 6377     | 4.21   | cps   |
| Arsenic    | 75-2  | 128      | 169      | 152      | 149      | 13.71  | cps   |
| Barium     | 135-1 | 45283    | 44915    | 46797    | 45665    | 2.18   | cps   |
| Barium     | 137-1 | 80576    | 79971    | 79327    | 79958    | 0.78   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 11       | 24       | 48.04  | cps   |
| Bismuth    | 209-1 | 6981267  | 6990449  | 7001172  | 6990963  | 0.14   | cps   |
| Bismuth    | 209-2 | 4689517  | 4711191  | 4734519  | 4711742  | 0.48   | cps   |
| Boron      | 10-1  | 1408     | 1450     | 1583     | 1481     | 6.17   | cps   |
| Boron      | 11-1  | 8353     | 8002     | 8228     | 8194     | 2.17   | cps   |
| Cadmium    | 106-1 | 2192     | 2150     | 2100     | 2147     | 2.14   | cps   |
| Cadmium    | 108-1 | 58       | 42       | 63       | 54       | 20.35  | cps   |
| Cadmium    | 111-1 | 1610     | 1572     | 1581     | 1588     | 1.27   | cps   |
| Calcium    | 43-1  | 232126   | 232610   | 233337   | 232691   | 0.26   | cps   |
| Calcium    | 44-1  | 3820926  | 3795694  | 3789459  | 3802026  | 0.44   | cps   |
| Chromium   | 52-2  | 1137     | 1217     | 1203     | 1186     | 3.62   | cps   |
| Cobalt     | 59-2  | 2684     | 2670     | 2540     | 2631     | 3.01   | cps   |
| Copper     | 63-2  | 5937377  | 5936942  | 5941883  | 5938734  | 0.05   | cps   |
| Dysprosium | 156-2 | 37       | 23       | 10       | 23       | 57.15  | cps   |
| Dysprosium | 156-1 | 58       | 33       | 25       | 39       | 44.62  | cps   |
| Erbium     | 164-1 | 75       | 100      | 58       | 78       | 26.96  | cps   |
| Erbium     | 164-2 | 27       | 57       | 67       | 50       | 41.63  | cps   |
| Gadolinium | 160-2 | 60       | 47       | 90       | 66       | 33.85  | cps   |
| Gadolinium | 160-1 | 142      | 83       | 92       | 106      | 29.89  | cps   |
| Holmium    | 165-2 | 6468653  | 6404069  | 6471753  | 6448158  | 0.59   | cps   |
| Holmium    | 165-1 | 11535955 | 11464698 | 11316814 | 11439156 | 0.98   | cps   |
| Indium     | 115-1 | 9358413  | 9376948  | 9307255  | 9347538  | 0.39   | cps   |
| Indium     | 115-2 | 1959302  | 1971751  | 1965488  | 1965514  | 0.32   | cps   |
| Iron       | 56-2  | 327917   | 330437   | 328815   | 329056   | 0.39   | cps   |
| Iron       | 57-2  | 8581     | 8241     | 8153     | 8325     | 2.71   | cps   |
| Lead       | 206-1 | 13702    | 13201    | 13346    | 13416    | 1.92   | cps   |
| Lead       | 207-1 | 11389    | 11366    | 11200    | 11318    | 0.91   | cps   |
| Lead       | 208-1 | 52770    | 52420    | 51997    | 52395    | 0.74   | cps   |
| Lithium    | 6-1   | 315340   | 315374   | 313508   | 314740   | 0.34   | cps   |
| Magnesium  | 24-2  | 380864   | 383838   | 376985   | 380563   | 0.90   | cps   |
| Manganese  | 55-2  | 46209    | 45758    | 46052    | 46006    | 0.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501MOB1156.7F-063 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:18:09  | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1292     | 1317     | 1217     | 1275     | 4.08   | cps   |
| Molybdenum | 95-1  | 942      | 975      | 1333     | 1083     | 20.04  | cps   |
| Molybdenum | 96-1  | 1092     | 1250     | 1325     | 1222     | 9.75   | cps   |
| Molybdenum | 97-1  | 458      | 575      | 667      | 567      | 18.43  | cps   |
| Molybdenum | 98-1  | 1192     | 1442     | 1759     | 1464     | 19.40  | cps   |
| Neodymium  | 150-1 | 73       | 27       | 33       | 44       | 56.79  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 7        | 18       | 57.27  | cps   |
| Nickel     | 60-2  | 215723   | 215469   | 216818   | 216003   | 0.33   | cps   |
| Phosphorus | 31-2  | 3234     | 2959     | 3142     | 3112     | 4.50   | cps   |
| Potassium  | 39-2  | 203163   | 207195   | 205666   | 205341   | 0.99   | cps   |
| Rhodium    | 103-2 | 4776351  | 4768225  | 4772156  | 4772244  | 0.09   | cps   |
| Rhodium    | 103-1 | 8887381  | 8851731  | 8807163  | 8848758  | 0.45   | cps   |
| Scandium   | 45-1  | 5962989  | 5911717  | 5903254  | 5925987  | 0.55   | cps   |
| Scandium   | 45-2  | 291083   | 291498   | 287808   | 290130   | 0.70   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 107      | 100      | 83       | 97       | 12.73  | cps   |
| Selenium   | 82-1  | -7       | 32       | 106      | 44       | 131.29 | cps   |
| Silicon    | 28-1  | 5311316  | 5295599  | 5268930  | 5291949  | 0.40   | cps   |
| Silver     | 109-1 | 267      | 192      | 317      | 258      | 24.35  | cps   |
| Silver     | 107-1 | 292      | 208      | 258      | 253      | 16.59  | cps   |
| Sodium     | 23-2  | 4621789  | 4632269  | 4602984  | 4619014  | 0.32   | cps   |
| Strontium  | 86-1  | 89362    | 88137    | 90065    | 89188    | 1.09   | cps   |
| Strontium  | 88-1  | 762793   | 762155   | 754653   | 759867   | 0.60   | cps   |
| Sulfur     | 34-1  | 356345   | 357320   | 357958   | 357208   | 0.23   | cps   |
| Terbium    | 159-1 | 12187362 | 12023700 | 11939630 | 12050231 | 1.05   | cps   |
| Terbium    | 159-2 | 6537035  | 6527820  | 6426152  | 6497002  | 0.95   | cps   |
| Thallium   | 203-1 | 192      | 200      | 175      | 189      | 6.74   | cps   |
| Thallium   | 205-1 | 375      | 483      | 533      | 464      | 17.45  | cps   |
| Tin        | 118-1 | 29769    | 29232    | 28247    | 29082    | 2.65   | cps   |
| Titanium   | 47-1  | 733      | 825      | 575      | 711      | 17.79  | cps   |
| Uranium    | 238-1 | 533      | 492      | 517      | 514      | 4.08   | cps   |
| Vanadium   | 51-2  | 310      | 340      | 277      | 309      | 10.26  | cps   |
| Yttrium    | 89-2  | 1608426  | 1621841  | 1614844  | 1615037  | 0.42   | cps   |
| Yttrium    | 89-1  | 10364726 | 10162778 | 10194060 | 10240521 | 1.06   | cps   |
| Zinc       | 66-2  | 606328   | 608721   | 607716   | 607588   | 0.20   | cps   |
| Zirconium  | 90-1  | 2042     | 2142     | 2400     | 2195     | 8.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501MOB1156.7F-063 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:18:09  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 542  | 492  | 492  | 508     | 5.68   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2223.1F-077 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:21:39  | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 592      | 600      | 467      | 553      | 13.51  | cps   |
| Antimony   | 121-1 | 2392     | 2475     | 2650     | 2506     | 5.26   | cps   |
| Arsenic    | 75-2  | 174      | 165      | 163      | 167      | 3.56   | cps   |
| Barium     | 135-1 | 46704    | 47456    | 47482    | 47214    | 0.94   | cps   |
| Barium     | 137-1 | 80716    | 80065    | 79771    | 80184    | 0.60   | cps   |
| Beryllium  | 9-1   | 11       | 33       | 22       | 22       | 50.00  | cps   |
| Bismuth    | 209-1 | 7031648  | 6971865  | 7001858  | 7001791  | 0.43   | cps   |
| Bismuth    | 209-2 | 4685314  | 4689943  | 4700005  | 4691754  | 0.16   | cps   |
| Boron      | 10-1  | 1125     | 867      | 1000     | 997      | 12.96  | cps   |
| Boron      | 11-1  | 5234     | 5668     | 5451     | 5451     | 3.98   | cps   |
| Cadmium    | 106-1 | 2184     | 2392     | 2134     | 2236     | 6.13   | cps   |
| Cadmium    | 108-1 | 58       | 54       | 33       | 49       | 27.56  | cps   |
| Cadmium    | 111-1 | 1571     | 1749     | 1591     | 1637     | 5.95   | cps   |
| Calcium    | 43-1  | 233348   | 234598   | 232515   | 233487   | 0.45   | cps   |
| Calcium    | 44-1  | 3871097  | 3847527  | 3842547  | 3853724  | 0.40   | cps   |
| Chromium   | 52-2  | 1207     | 1023     | 1233     | 1155     | 9.90   | cps   |
| Cobalt     | 59-2  | 873      | 813      | 800      | 829      | 4.71   | cps   |
| Copper     | 63-2  | 2043199  | 2049772  | 2051641  | 2048204  | 0.22   | cps   |
| Dysprosium | 156-2 | 20       | 27       | 23       | 23       | 14.29  | cps   |
| Dysprosium | 156-1 | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Erbium     | 164-1 | 25       | 58       | 75       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 57       | 33       | 53       | 48       | 26.42  | cps   |
| Gadolinium | 160-2 | 33       | 40       | 40       | 38       | 10.19  | cps   |
| Gadolinium | 160-1 | 58       | 100      | 125      | 94       | 35.66  | cps   |
| Holmium    | 165-2 | 6507168  | 6551772  | 6403985  | 6487642  | 1.17   | cps   |
| Holmium    | 165-1 | 11547716 | 11557336 | 11391357 | 11498803 | 0.81   | cps   |
| Indium     | 115-1 | 9406844  | 9408977  | 9334306  | 9383376  | 0.45   | cps   |
| Indium     | 115-2 | 1969049  | 1962096  | 1959916  | 1963687  | 0.24   | cps   |
| Iron       | 56-2  | 105773   | 107431   | 107441   | 106881   | 0.90   | cps   |
| Iron       | 57-2  | 2734     | 2595     | 2528     | 2619     | 4.00   | cps   |
| Lead       | 206-1 | 21679    | 21078    | 21306    | 21355    | 1.42   | cps   |
| Lead       | 207-1 | 18424    | 18363    | 18152    | 18313    | 0.78   | cps   |
| Lead       | 208-1 | 85816    | 84407    | 84468    | 84897    | 0.94   | cps   |
| Lithium    | 6-1   | 316104   | 316582   | 314272   | 315653   | 0.39   | cps   |
| Magnesium  | 24-2  | 378937   | 381390   | 380622   | 380316   | 0.33   | cps   |
| Manganese  | 55-2  | 22885    | 22828    | 22955    | 22889    | 0.28   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2223.1F-077 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:21:39  | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1275     | 1609     | 1333     | 1406     | 12.67  | cps   |
| Molybdenum | 95-1  | 858      | 825      | 858      | 847      | 2.27   | cps   |
| Molybdenum | 96-1  | 808      | 1183     | 1342     | 1111     | 24.65  | cps   |
| Molybdenum | 97-1  | 492      | 492      | 783      | 589      | 28.60  | cps   |
| Molybdenum | 98-1  | 1225     | 1559     | 1734     | 1506     | 17.15  | cps   |
| Neodymium  | 150-1 | 13       | 27       | 13       | 18       | 43.33  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 3        | 9        | 108.30 | cps   |
| Nickel     | 60-2  | 64524    | 65030    | 64384    | 64646    | 0.53   | cps   |
| Phosphorus | 31-2  | 3726     | 3834     | 3792     | 3784     | 1.44   | cps   |
| Potassium  | 39-2  | 204507   | 203510   | 205198   | 204405   | 0.42   | cps   |
| Rhodium    | 103-2 | 4779196  | 4802543  | 4765726  | 4782488  | 0.39   | cps   |
| Rhodium    | 103-1 | 9023025  | 8872595  | 8853303  | 8916308  | 1.04   | cps   |
| Scandium   | 45-1  | 5980374  | 5951835  | 5916777  | 5949662  | 0.54   | cps   |
| Scandium   | 45-2  | 289844   | 289675   | 289743   | 289754   | 0.03   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 81       | 94       | 93       | 11.14  | cps   |
| Selenium   | 82-1  | 73       | 122      | 246      | 147      | 60.91  | cps   |
| Silicon    | 28-1  | 5745264  | 5715801  | 5648971  | 5703345  | 0.87   | cps   |
| Silver     | 109-1 | 267      | 183      | 242      | 231      | 18.55  | cps   |
| Silver     | 107-1 | 325      | 342      | 350      | 339      | 3.76   | cps   |
| Sodium     | 23-2  | 4739532  | 4713246  | 4669598  | 4707459  | 0.75   | cps   |
| Strontium  | 86-1  | 88347    | 88003    | 88463    | 88271    | 0.27   | cps   |
| Strontium  | 88-1  | 773737   | 770233   | 764536   | 769502   | 0.60   | cps   |
| Sulfur     | 34-1  | 361449   | 360303   | 360743   | 360831   | 0.16   | cps   |
| Terbium    | 159-1 | 12288608 | 12064124 | 11975530 | 12109421 | 1.33   | cps   |
| Terbium    | 159-2 | 6507370  | 6504529  | 6463249  | 6491716  | 0.38   | cps   |
| Thallium   | 203-1 | 83       | 108      | 108      | 100      | 14.43  | cps   |
| Thallium   | 205-1 | 275      | 258      | 292      | 275      | 6.06   | cps   |
| Tin        | 118-1 | 1834     | 1975     | 1975     | 1928     | 4.24   | cps   |
| Titanium   | 47-1  | 550      | 500      | 625      | 558      | 11.27  | cps   |
| Uranium    | 238-1 | 308      | 283      | 342      | 311      | 9.41   | cps   |
| Vanadium   | 51-2  | 150      | 153      | 123      | 142      | 11.56  | cps   |
| Yttrium    | 89-2  | 1602355  | 1621460  | 1615581  | 1613132  | 0.61   | cps   |
| Yttrium    | 89-1  | 10308226 | 10332279 | 10251528 | 10297344 | 0.40   | cps   |
| Zinc       | 66-2  | 427865   | 426408   | 429467   | 427913   | 0.36   | cps   |
| Zirconium  | 90-1  | 2050     | 2225     | 2392     | 2222     | 7.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2223.1F-077 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:21:39  | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 542  | 442  | 533  | 506     | 10.98  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-14 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.1F-075 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:25:09 DataFile Name : 029SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 742      | 933      | 984      | 886      | 14.40  | cps   |
| Antimony   | 121-1 | 1717     | 1725     | 1967     | 1803     | 7.88   | cps   |
| Arsenic    | 75-2  | 161      | 157      | 183      | 167      | 8.38   | cps   |
| Barium     | 135-1 | 43603    | 44046    | 43662    | 43770    | 0.55   | cps   |
| Barium     | 137-1 | 76260    | 76938    | 77156    | 76785    | 0.61   | cps   |
| Beryllium  | 9-1   | 22       | 17       | 22       | 20       | 15.73  | cps   |
| Bismuth    | 209-1 | 6990888  | 6961113  | 7013329  | 6988443  | 0.37   | cps   |
| Bismuth    | 209-2 | 4669617  | 4704945  | 4712357  | 4695640  | 0.49   | cps   |
| Boron      | 10-1  | 817      | 1017     | 917      | 917      | 10.91  | cps   |
| Boron      | 11-1  | 4668     | 5151     | 5468     | 5096     | 7.91   | cps   |
| Cadmium    | 106-1 | 2084     | 2259     | 2225     | 2189     | 4.25   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 38       | 29       | 28.58  | cps   |
| Cadmium    | 111-1 | 1509     | 1612     | 1594     | 1572     | 3.51   | cps   |
| Calcium    | 43-1  | 240066   | 237220   | 237831   | 238373   | 0.63   | cps   |
| Calcium    | 44-1  | 3900319  | 3875200  | 3900971  | 3892163  | 0.38   | cps   |
| Chromium   | 52-2  | 1270     | 1300     | 1297     | 1289     | 1.28   | cps   |
| Cobalt     | 59-2  | 570      | 500      | 533      | 534      | 6.55   | cps   |
| Copper     | 63-2  | 2009081  | 2022800  | 2020264  | 2017382  | 0.36   | cps   |
| Dysprosium | 156-2 | 33       | 27       | 23       | 28       | 18.33  | cps   |
| Dysprosium | 156-1 | 17       | 33       | 33       | 28       | 34.63  | cps   |
| Erbium     | 164-1 | 100      | 92       | 83       | 92       | 9.09   | cps   |
| Erbium     | 164-2 | 23       | 43       | 30       | 32       | 31.61  | cps   |
| Gadolinium | 160-2 | 33       | 63       | 23       | 40       | 52.05  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 50       | 78       | 30.93  | cps   |
| Holmium    | 165-2 | 6429940  | 6593755  | 6430693  | 6484796  | 1.46   | cps   |
| Holmium    | 165-1 | 11477015 | 11570966 | 11373829 | 11473936 | 0.86   | cps   |
| Indium     | 115-1 | 9405463  | 9419879  | 9387545  | 9404296  | 0.17   | cps   |
| Indium     | 115-2 | 1958283  | 1971321  | 1974559  | 1968054  | 0.44   | cps   |
| Iron       | 56-2  | 206780   | 209106   | 205835   | 207240   | 0.81   | cps   |
| Iron       | 57-2  | 5012     | 5390     | 5279     | 5227     | 3.72   | cps   |
| Lead       | 206-1 | 21718    | 21746    | 21562    | 21676    | 0.46   | cps   |
| Lead       | 207-1 | 18969    | 18463    | 18758    | 18730    | 1.36   | cps   |
| Lead       | 208-1 | 86288    | 85793    | 85554    | 85878    | 0.44   | cps   |
| Lithium    | 6-1   | 316992   | 313593   | 312444   | 314343   | 0.75   | cps   |
| Magnesium  | 24-2  | 385044   | 386962   | 389557   | 387188   | 0.59   | cps   |
| Manganese  | 55-2  | 64671    | 64270    | 63908    | 64283    | 0.59   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.1F-075 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:25:09  | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 883      | 1108     | 1100     | 1031     | 12.38   | cps   |
| Molybdenum | 95-1  | 667      | 783      | 817      | 756      | 10.42   | cps   |
| Molybdenum | 96-1  | 808      | 900      | 1158     | 956      | 18.99   | cps   |
| Molybdenum | 97-1  | 533      | 533      | 675      | 581      | 14.09   | cps   |
| Molybdenum | 98-1  | 1067     | 1058     | 1325     | 1150     | 13.18   | cps   |
| Neodymium  | 150-1 | 47       | 67       | 40       | 51       | 27.15   | cps   |
| Neodymium  | 150-2 | 7        | 20       | 10       | 12       | 56.76   | cps   |
| Nickel     | 60-2  | 11094    | 10904    | 11048    | 11015    | 0.90    | cps   |
| Phosphorus | 31-2  | 3859     | 4092     | 3992     | 3981     | 2.94    | cps   |
| Potassium  | 39-2  | 205362   | 204759   | 207810   | 205977   | 0.78    | cps   |
| Rhodium    | 103-2 | 4749029  | 4768177  | 4766234  | 4761146  | 0.22    | cps   |
| Rhodium    | 103-1 | 8962332  | 8902789  | 8842908  | 8902676  | 0.67    | cps   |
| Scandium   | 45-1  | 5910379  | 5953260  | 5938788  | 5934142  | 0.37    | cps   |
| Scandium   | 45-2  | 291049   | 289699   | 289818   | 290189   | 0.26    | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 100      | 94       | 94       | 96       | 3.33    | cps   |
| Selenium   | 82-1  | -83      | 75       | 16       | 3        | 3099.34 | cps   |
| Silicon    | 28-1  | 5354877  | 5318795  | 5298276  | 5323982  | 0.54    | cps   |
| Silver     | 109-1 | 308      | 333      | 183      | 275      | 29.22   | cps   |
| Silver     | 107-1 | 375      | 367      | 968      | 570      | 60.53   | cps   |
| Sodium     | 23-2  | 4727831  | 4761794  | 4750270  | 4746632  | 0.36    | cps   |
| Strontium  | 86-1  | 90459    | 89495    | 89395    | 89783    | 0.65    | cps   |
| Strontium  | 88-1  | 764827   | 772410   | 768481   | 768573   | 0.49    | cps   |
| Sulfur     | 34-1  | 356473   | 354776   | 359163   | 356804   | 0.62    | cps   |
| Terbium    | 159-1 | 12046735 | 12136060 | 11912362 | 12031719 | 0.94    | cps   |
| Terbium    | 159-2 | 6397327  | 6449612  | 6494459  | 6447133  | 0.75    | cps   |
| Thallium   | 203-1 | 83       | 92       | 83       | 86       | 5.58    | cps   |
| Thallium   | 205-1 | 192      | 242      | 242      | 225      | 12.83   | cps   |
| Tin        | 118-1 | 1834     | 1875     | 1950     | 1886     | 3.13    | cps   |
| Titanium   | 47-1  | 683      | 600      | 658      | 647      | 6.61    | cps   |
| Uranium    | 238-1 | 192      | 325      | 308      | 275      | 26.42   | cps   |
| Vanadium   | 51-2  | 143      | 173      | 153      | 157      | 9.75    | cps   |
| Yttrium    | 89-2  | 1609947  | 1620216  | 1618893  | 1616352  | 0.35    | cps   |
| Yttrium    | 89-1  | 10324992 | 10229321 | 10274406 | 10276240 | 0.47    | cps   |
| Zinc       | 66-2  | 109630   | 111636   | 110970   | 110746   | 0.92    | cps   |
| Zirconium  | 90-1  | 1650     | 1809     | 1717     | 1725     | 4.61    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.1F-075 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:25:09  | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 317  | 375  | 336     | 10.02  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-15 Instrumnet Name : P7  
 Client Sample ID : R44502BRB2213.2F-076 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:28:39 DataFile Name : 030SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 833      | 800      | 1042     | 892      | 14.70  | cps   |
| Antimony   | 121-1 | 1383     | 1533     | 1634     | 1517     | 8.30   | cps   |
| Arsenic    | 75-2  | 144      | 180      | 180      | 168      | 12.10  | cps   |
| Barium     | 135-1 | 45425    | 44857    | 44480    | 44921    | 1.06   | cps   |
| Barium     | 137-1 | 75966    | 76990    | 77315    | 76757    | 0.92   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 11       | 19       | 34.64  | cps   |
| Bismuth    | 209-1 | 6957010  | 6964895  | 6940386  | 6954097  | 0.18   | cps   |
| Bismuth    | 209-2 | 4674945  | 4697080  | 4698212  | 4690079  | 0.28   | cps   |
| Boron      | 10-1  | 1058     | 1008     | 1042     | 1036     | 2.46   | cps   |
| Boron      | 11-1  | 5284     | 4726     | 5335     | 5115     | 6.61   | cps   |
| Cadmium    | 106-1 | 2159     | 2217     | 2117     | 2164     | 2.32   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 33       | 25       | 28.87  | cps   |
| Cadmium    | 111-1 | 1559     | 1583     | 1500     | 1547     | 2.76   | cps   |
| Calcium    | 43-1  | 234776   | 235540   | 235021   | 235112   | 0.17   | cps   |
| Calcium    | 44-1  | 3848725  | 3835684  | 3805910  | 3830106  | 0.57   | cps   |
| Chromium   | 52-2  | 1393     | 1353     | 1373     | 1373     | 1.46   | cps   |
| Cobalt     | 59-2  | 660      | 637      | 613      | 637      | 3.67   | cps   |
| Copper     | 63-2  | 1829958  | 1832941  | 1828037  | 1830312  | 0.14   | cps   |
| Dysprosium | 156-2 | 23       | 23       | 10       | 19       | 40.75  | cps   |
| Dysprosium | 156-1 | 42       | 50       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-1 | 75       | 67       | 67       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 47       | 30       | 40       | 39       | 21.57  | cps   |
| Gadolinium | 160-2 | 37       | 50       | 33       | 40       | 22.05  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Holmium    | 165-2 | 6473923  | 6496280  | 6408481  | 6459561  | 0.71   | cps   |
| Holmium    | 165-1 | 11441290 | 11486430 | 11339713 | 11422477 | 0.66   | cps   |
| Indium     | 115-1 | 9403458  | 9414143  | 9269405  | 9362335  | 0.86   | cps   |
| Indium     | 115-2 | 1971691  | 1954024  | 1975665  | 1967127  | 0.59   | cps   |
| Iron       | 56-2  | 350465   | 348551   | 347959   | 348992   | 0.38   | cps   |
| Iron       | 57-2  | 8953     | 8486     | 8308     | 8582     | 3.88   | cps   |
| Lead       | 206-1 | 27061    | 27212    | 27284    | 27186    | 0.42   | cps   |
| Lead       | 207-1 | 22820    | 23460    | 24011    | 23430    | 2.54   | cps   |
| Lead       | 208-1 | 107294   | 108548   | 108083   | 107975   | 0.59   | cps   |
| Lithium    | 6-1   | 316765   | 314498   | 312266   | 314510   | 0.72   | cps   |
| Magnesium  | 24-2  | 377949   | 375112   | 377511   | 376858   | 0.41   | cps   |
| Manganese  | 55-2  | 70002    | 69400    | 69215    | 69539    | 0.59   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.2F-076 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:28:39  | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 767      | 1017     | 825      | 20.63  | cps   |
| Molybdenum | 95-1  | 575      | 708      | 542      | 608      | 14.50  | cps   |
| Molybdenum | 96-1  | 792      | 967      | 983      | 914      | 11.62  | cps   |
| Molybdenum | 97-1  | 442      | 408      | 550      | 467      | 15.87  | cps   |
| Molybdenum | 98-1  | 1117     | 1175     | 1192     | 1161     | 3.39   | cps   |
| Neodymium  | 150-1 | 40       | 27       | 33       | 33       | 20.00  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 3        | 16       | 75.27  | cps   |
| Nickel     | 60-2  | 6885     | 6872     | 7292     | 7016     | 3.40   | cps   |
| Phosphorus | 31-2  | 3751     | 3526     | 3476     | 3584     | 4.09   | cps   |
| Potassium  | 39-2  | 209010   | 206653   | 206003   | 207222   | 0.76   | cps   |
| Rhodium    | 103-2 | 4766344  | 4747606  | 4778604  | 4764185  | 0.33   | cps   |
| Rhodium    | 103-1 | 8933236  | 8935251  | 8787808  | 8885432  | 0.95   | cps   |
| Scandium   | 45-1  | 6038738  | 5899123  | 5950262  | 5962708  | 1.18   | cps   |
| Scandium   | 45-2  | 291552   | 292598   | 289518   | 291223   | 0.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Selenium   | 78-2  | 91       | 109      | 96       | 99       | 9.62   | cps   |
| Selenium   | 82-1  | 125      | 66       | 75       | 89       | 35.87  | cps   |
| Silicon    | 28-1  | 5417492  | 5402702  | 5282126  | 5367440  | 1.38   | cps   |
| Silver     | 109-1 | 292      | 400      | 275      | 322      | 21.06  | cps   |
| Silver     | 107-1 | 342      | 433      | 358      | 378      | 12.93  | cps   |
| Sodium     | 23-2  | 4759608  | 4688612  | 4735566  | 4727929  | 0.76   | cps   |
| Strontium  | 86-1  | 89830    | 89001    | 88464    | 89098    | 0.77   | cps   |
| Strontium  | 88-1  | 775591   | 763851   | 765432   | 768291   | 0.83   | cps   |
| Sulfur     | 34-1  | 361229   | 356263   | 354545   | 357345   | 0.97   | cps   |
| Terbium    | 159-1 | 12040426 | 12128943 | 11913563 | 12027644 | 0.90   | cps   |
| Terbium    | 159-2 | 6514131  | 6474367  | 6462508  | 6483669  | 0.42   | cps   |
| Thallium   | 203-1 | 75       | 92       | 117      | 94       | 22.21  | cps   |
| Thallium   | 205-1 | 208      | 200      | 208      | 206      | 2.34   | cps   |
| Tin        | 118-1 | 825      | 958      | 975      | 920      | 8.94   | cps   |
| Titanium   | 47-1  | 567      | 517      | 467      | 517      | 9.68   | cps   |
| Uranium    | 238-1 | 358      | 233      | 383      | 325      | 24.73  | cps   |
| Vanadium   | 51-2  | 167      | 153      | 130      | 150      | 12.37  | cps   |
| Yttrium    | 89-2  | 1604614  | 1612398  | 1615741  | 1610917  | 0.35   | cps   |
| Yttrium    | 89-1  | 10239590 | 10251538 | 10200597 | 10230575 | 0.26   | cps   |
| Zinc       | 66-2  | 154446   | 154342   | 155801   | 154863   | 0.53   | cps   |
| Zirconium  | 90-1  | 1208     | 1467     | 1425     | 1367     | 10.15  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44502BRB2213.2F-076 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:28:39  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 300  | 308  | 331     | 13.88  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-16 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1F-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:32:10 DataFile Name : 031SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1242     | 1334     | 1067     | 1214     | 11.17  | cps   |
| Antimony   | 121-1 | 2142     | 2109     | 2234     | 2161     | 3.00   | cps   |
| Arsenic    | 75-2  | 156      | 144      | 180      | 160      | 11.25  | cps   |
| Barium     | 135-1 | 52809    | 51229    | 51915    | 51984    | 1.52   | cps   |
| Barium     | 137-1 | 89194    | 89966    | 89798    | 89652    | 0.45   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 33       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 6940804  | 6939389  | 6952918  | 6944370  | 0.11   | cps   |
| Bismuth    | 209-2 | 4672193  | 4693793  | 4706872  | 4690953  | 0.37   | cps   |
| Boron      | 10-1  | 942      | 933      | 1050     | 975      | 6.68   | cps   |
| Boron      | 11-1  | 5109     | 4984     | 5368     | 5154     | 3.79   | cps   |
| Cadmium    | 106-1 | 2400     | 2634     | 2242     | 2425     | 8.13   | cps   |
| Cadmium    | 108-1 | 146      | 121      | 104      | 124      | 16.97  | cps   |
| Cadmium    | 111-1 | 2566     | 2655     | 2521     | 2581     | 2.63   | cps   |
| Calcium    | 43-1  | 239178   | 236250   | 237206   | 237545   | 0.63   | cps   |
| Calcium    | 44-1  | 3915658  | 3854261  | 3891824  | 3887248  | 0.80   | cps   |
| Chromium   | 52-2  | 1100     | 1333     | 1217     | 1217     | 9.59   | cps   |
| Cobalt     | 59-2  | 3224     | 3154     | 3347     | 3242     | 3.02   | cps   |
| Copper     | 63-2  | 483352   | 481724   | 486137   | 483738   | 0.46   | cps   |
| Dysprosium | 156-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Dysprosium | 156-1 | 58       | 75       | 25       | 53       | 48.24  | cps   |
| Erbium     | 164-1 | 75       | 142      | 50       | 89       | 53.31  | cps   |
| Erbium     | 164-2 | 30       | 30       | 37       | 32       | 11.95  | cps   |
| Gadolinium | 160-2 | 53       | 27       | 30       | 37       | 39.63  | cps   |
| Gadolinium | 160-1 | 158      | 75       | 42       | 92       | 65.56  | cps   |
| Holmium    | 165-2 | 6508620  | 6582983  | 6579399  | 6557001  | 0.64   | cps   |
| Holmium    | 165-1 | 11430027 | 11358793 | 11233218 | 11340679 | 0.88   | cps   |
| Indium     | 115-1 | 9439339  | 9422581  | 9299282  | 9387067  | 0.81   | cps   |
| Indium     | 115-2 | 1954721  | 1963684  | 1969266  | 1962557  | 0.37   | cps   |
| Iron       | 56-2  | 147456   | 149890   | 150977   | 149441   | 1.21   | cps   |
| Iron       | 57-2  | 4029     | 3695     | 3734     | 3819     | 4.78   | cps   |
| Lead       | 206-1 | 160760   | 159467   | 160012   | 160080   | 0.41   | cps   |
| Lead       | 207-1 | 135630   | 133895   | 135398   | 134975   | 0.70   | cps   |
| Lead       | 208-1 | 626304   | 622555   | 625614   | 624824   | 0.32   | cps   |
| Lithium    | 6-1   | 312595   | 315241   | 315868   | 314568   | 0.55   | cps   |
| Magnesium  | 24-2  | 381017   | 380988   | 383389   | 381798   | 0.36   | cps   |
| Manganese  | 55-2  | 48476    | 49440    | 49389    | 49102    | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1F-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:32:10 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 775      | 867      | 767      | 13.62  | cps   |
| Molybdenum | 95-1  | 508      | 608      | 675      | 597      | 14.05  | cps   |
| Molybdenum | 96-1  | 542      | 692      | 725      | 653      | 14.96  | cps   |
| Molybdenum | 97-1  | 308      | 267      | 542      | 372      | 39.82  | cps   |
| Molybdenum | 98-1  | 917      | 1242     | 1125     | 1095     | 15.04  | cps   |
| Neodymium  | 150-1 | 33       | 27       | 27       | 29       | 13.31  | cps   |
| Neodymium  | 150-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 368179   | 368891   | 371610   | 369560   | 0.49   | cps   |
| Phosphorus | 31-2  | 1825     | 1884     | 2175     | 1961     | 9.56   | cps   |
| Potassium  | 39-2  | 205249   | 204659   | 205242   | 205050   | 0.17   | cps   |
| Rhodium    | 103-2 | 4731346  | 4739812  | 4774158  | 4748439  | 0.48   | cps   |
| Rhodium    | 103-1 | 8837581  | 8890825  | 8810646  | 8846351  | 0.46   | cps   |
| Scandium   | 45-1  | 5914264  | 5897794  | 5939118  | 5917059  | 0.35   | cps   |
| Scandium   | 45-2  | 291675   | 289788   | 289129   | 290197   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 83       | 83       | 83       | 83       | 0.00   | cps   |
| Selenium   | 82-1  | 152      | 61       | 69       | 94       | 53.53  | cps   |
| Silicon    | 28-1  | 5740659  | 5468327  | 5503803  | 5570929  | 2.66   | cps   |
| Silver     | 109-1 | 258      | 208      | 225      | 231      | 11.04  | cps   |
| Silver     | 107-1 | 425      | 292      | 258      | 325      | 27.14  | cps   |
| Sodium     | 23-2  | 4774211  | 4715722  | 4766711  | 4752215  | 0.67   | cps   |
| Strontium  | 86-1  | 89369    | 89965    | 88396    | 89243    | 0.89   | cps   |
| Strontium  | 88-1  | 771424   | 766273   | 759815   | 765837   | 0.76   | cps   |
| Sulfur     | 34-1  | 370037   | 364639   | 360495   | 365057   | 1.31   | cps   |
| Terbium    | 159-1 | 12140976 | 12102999 | 11990943 | 12078306 | 0.65   | cps   |
| Terbium    | 159-2 | 6531564  | 6510584  | 6425854  | 6489334  | 0.86   | cps   |
| Thallium   | 203-1 | 200      | 192      | 242      | 211      | 12.69  | cps   |
| Thallium   | 205-1 | 358      | 558      | 400      | 439      | 24.04  | cps   |
| Tin        | 118-1 | 883      | 1075     | 917      | 958      | 10.69  | cps   |
| Titanium   | 47-1  | 517      | 583      | 2290     | 1130     | 88.95  | cps   |
| Uranium    | 238-1 | 233      | 292      | 267      | 264      | 11.09  | cps   |
| Vanadium   | 51-2  | 183      | 177      | 150      | 170      | 10.38  | cps   |
| Yttrium    | 89-2  | 1610565  | 1607210  | 1607160  | 1608312  | 0.12   | cps   |
| Yttrium    | 89-1  | 10252772 | 10188352 | 10190535 | 10210553 | 0.36   | cps   |
| Zinc       | 66-2  | 952468   | 954565   | 952641   | 953225   | 0.12   | cps   |
| Zirconium  | 90-1  | 1350     | 1367     | 1617     | 1445     | 10.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1F-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:32:10 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 367  | 367  | 328     | 20.55  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-17 Instrumnet Name : P7  
 Client Sample ID : R44501WRB1155.1B-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:35:40 DataFile Name : 032SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 867      | 1033     | 658      | 853      | 22.03  | cps   |
| Antimony   | 121-1 | 7352     | 7519     | 7377     | 7416     | 1.21   | cps   |
| Arsenic    | 75-2  | 133      | 130      | 117      | 127      | 6.92   | cps   |
| Barium     | 135-1 | 47573    | 46838    | 47666    | 47359    | 0.96   | cps   |
| Barium     | 137-1 | 82730    | 85161    | 83920    | 83937    | 1.45   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 6960931  | 6922634  | 6927225  | 6936930  | 0.30   | cps   |
| Bismuth    | 209-2 | 4678922  | 4677485  | 4701798  | 4686068  | 0.29   | cps   |
| Boron      | 10-1  | 917      | 1058     | 933      | 970      | 7.99   | cps   |
| Boron      | 11-1  | 5109     | 4951     | 5484     | 5182     | 5.29   | cps   |
| Cadmium    | 106-1 | 2125     | 2075     | 2150     | 2117     | 1.80   | cps   |
| Cadmium    | 108-1 | 50       | 33       | 50       | 44       | 21.66  | cps   |
| Cadmium    | 111-1 | 1657     | 1671     | 1624     | 1651     | 1.45   | cps   |
| Calcium    | 43-1  | 241191   | 241117   | 239831   | 240713   | 0.32   | cps   |
| Calcium    | 44-1  | 3940931  | 3954299  | 3907897  | 3934376  | 0.61   | cps   |
| Chromium   | 52-2  | 1470     | 1313     | 1490     | 1425     | 6.79   | cps   |
| Cobalt     | 59-2  | 327      | 277      | 333      | 312      | 9.92   | cps   |
| Copper     | 63-2  | 4777180  | 4810576  | 4805499  | 4797752  | 0.38   | cps   |
| Dysprosium | 156-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Dysprosium | 156-1 | 58       | 0        | 33       | 31       | 95.79  | cps   |
| Erbium     | 164-1 | 50       | 42       | 58       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 23       | 33       | 43       | 33       | 30.00  | cps   |
| Gadolinium | 160-2 | 43       | 40       | 27       | 37       | 24.04  | cps   |
| Gadolinium | 160-1 | 17       | 117      | 83       | 72       | 70.50  | cps   |
| Holmium    | 165-2 | 6454126  | 6464397  | 6569484  | 6496002  | 0.98   | cps   |
| Holmium    | 165-1 | 11431999 | 11415637 | 11391617 | 11413084 | 0.18   | cps   |
| Indium     | 115-1 | 9440529  | 9476307  | 9312967  | 9409934  | 0.91   | cps   |
| Indium     | 115-2 | 1962073  | 1971726  | 1966134  | 1966644  | 0.25   | cps   |
| Iron       | 56-2  | 70155    | 71523    | 68243    | 69973    | 2.35   | cps   |
| Iron       | 57-2  | 1811     | 1645     | 1922     | 1793     | 7.80   | cps   |
| Lead       | 206-1 | 30084    | 29957    | 29862    | 29968    | 0.37   | cps   |
| Lead       | 207-1 | 25464    | 24673    | 24924    | 25020    | 1.61   | cps   |
| Lead       | 208-1 | 116973   | 116167   | 115669   | 116270   | 0.57   | cps   |
| Lithium    | 6-1   | 316771   | 309756   | 313214   | 313247   | 1.12   | cps   |
| Magnesium  | 24-2  | 381917   | 382679   | 383521   | 382706   | 0.21   | cps   |
| Manganese  | 55-2  | 15155    | 15472    | 15442    | 15356    | 1.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRB1155.1B-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:35:40 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 808      | 892      | 808      | 10.31  | cps   |
| Molybdenum | 95-1  | 475      | 683      | 708      | 622      | 20.59  | cps   |
| Molybdenum | 96-1  | 717      | 750      | 883      | 783      | 11.26  | cps   |
| Molybdenum | 97-1  | 383      | 408      | 458      | 417      | 9.16   | cps   |
| Molybdenum | 98-1  | 1017     | 1042     | 1125     | 1061     | 5.35   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 27       | 24       | 15.75  | cps   |
| Neodymium  | 150-2 | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 5775     | 5568     | 5574     | 5639     | 2.08   | cps   |
| Phosphorus | 31-2  | 2517     | 2217     | 2417     | 2384     | 6.41   | cps   |
| Potassium  | 39-2  | 205359   | 202388   | 204228   | 203991   | 0.74   | cps   |
| Rhodium    | 103-2 | 4781430  | 4750632  | 4760763  | 4764275  | 0.33   | cps   |
| Rhodium    | 103-1 | 8910155  | 8923483  | 8760960  | 8864866  | 1.02   | cps   |
| Scandium   | 45-1  | 5971415  | 5939699  | 5884015  | 5931710  | 0.75   | cps   |
| Scandium   | 45-2  | 287254   | 290591   | 288355   | 288733   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 91       | 83       | 76       | 83       | 8.89   | cps   |
| Selenium   | 82-1  | 13       | 80       | -25      | 23       | 232.38 | cps   |
| Silicon    | 28-1  | 5230574  | 5205772  | 5168880  | 5201742  | 0.60   | cps   |
| Silver     | 109-1 | 175      | 117      | 150      | 147      | 19.88  | cps   |
| Silver     | 107-1 | 192      | 133      | 208      | 178      | 22.15  | cps   |
| Sodium     | 23-2  | 4689437  | 4690143  | 4684205  | 4687928  | 0.07   | cps   |
| Strontium  | 86-1  | 94368    | 91901    | 91918    | 92729    | 1.53   | cps   |
| Strontium  | 88-1  | 810147   | 802211   | 802005   | 804788   | 0.58   | cps   |
| Sulfur     | 34-1  | 366754   | 368322   | 366824   | 367300   | 0.24   | cps   |
| Terbium    | 159-1 | 12019906 | 12149553 | 11959185 | 12042881 | 0.81   | cps   |
| Terbium    | 159-2 | 6508528  | 6381471  | 6461125  | 6450374  | 1.00   | cps   |
| Thallium   | 203-1 | 83       | 67       | 92       | 81       | 15.80  | cps   |
| Thallium   | 205-1 | 258      | 233      | 158      | 217      | 24.02  | cps   |
| Tin        | 118-1 | 14909    | 13807    | 15350    | 14689    | 5.41   | cps   |
| Titanium   | 47-1  | 458      | 500      | 533      | 497      | 7.56   | cps   |
| Uranium    | 238-1 | 158      | 117      | 150      | 142      | 15.56  | cps   |
| Vanadium   | 51-2  | 123      | 160      | 113      | 132      | 18.58  | cps   |
| Yttrium    | 89-2  | 1605256  | 1601896  | 1616522  | 1607891  | 0.48   | cps   |
| Yttrium    | 89-1  | 10281002 | 10196123 | 10255635 | 10244254 | 0.43   | cps   |
| Zinc       | 66-2  | 200253   | 201861   | 200553   | 200889   | 0.43   | cps   |
| Zirconium  | 90-1  | 1133     | 3578     | 967      | 1893     | 77.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRB1155.1B-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:35:40 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 158  | 267  | 222     | 25.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-18            | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1B-07 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:39:11 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 708      | 958      | 1058     | 908      | 19.85  | cps   |
| Antimony   | 121-1 | 1083     | 1267     | 1392     | 1247     | 12.43  | cps   |
| Arsenic    | 75-2  | 176      | 169      | 181      | 175      | 3.71   | cps   |
| Barium     | 135-1 | 44915    | 44891    | 44254    | 44687    | 0.84   | cps   |
| Barium     | 137-1 | 79461    | 76871    | 76327    | 77553    | 2.16   | cps   |
| Beryllium  | 9-1   | 11       | 39       | 22       | 24       | 58.08  | cps   |
| Bismuth    | 209-1 | 6947371  | 6938113  | 6917518  | 6934334  | 0.22   | cps   |
| Bismuth    | 209-2 | 4610523  | 4650843  | 4654176  | 4638514  | 0.52   | cps   |
| Boron      | 10-1  | 858      | 833      | 850      | 847      | 1.50   | cps   |
| Boron      | 11-1  | 4876     | 4943     | 4593     | 4804     | 3.87   | cps   |
| Cadmium    | 106-1 | 2225     | 2217     | 2117     | 2186     | 2.76   | cps   |
| Cadmium    | 108-1 | 50       | 38       | 25       | 38       | 33.33  | cps   |
| Cadmium    | 111-1 | 1764     | 1751     | 1689     | 1735     | 2.30   | cps   |
| Calcium    | 43-1  | 241923   | 236772   | 238789   | 239161   | 1.09   | cps   |
| Calcium    | 44-1  | 3930156  | 3904451  | 3884237  | 3906281  | 0.59   | cps   |
| Chromium   | 52-2  | 1143     | 1097     | 1173     | 1138     | 3.40   | cps   |
| Cobalt     | 59-2  | 303      | 267      | 320      | 297      | 9.20   | cps   |
| Copper     | 63-2  | 2211905  | 2227026  | 2230280  | 2223070  | 0.44   | cps   |
| Dysprosium | 156-2 | 27       | 13       | 23       | 21       | 32.88  | cps   |
| Dysprosium | 156-1 | 33       | 58       | 42       | 44       | 28.65  | cps   |
| Erbium     | 164-1 | 58       | 67       | 75       | 67       | 12.49  | cps   |
| Erbium     | 164-2 | 50       | 43       | 37       | 43       | 15.38  | cps   |
| Gadolinium | 160-2 | 57       | 50       | 53       | 53       | 6.25   | cps   |
| Gadolinium | 160-1 | 83       | 142      | 100      | 108      | 27.73  | cps   |
| Holmium    | 165-2 | 6390079  | 6516897  | 6409482  | 6438820  | 1.06   | cps   |
| Holmium    | 165-1 | 11573414 | 11363790 | 11305415 | 11414206 | 1.23   | cps   |
| Indium     | 115-1 | 9384001  | 9394019  | 9224284  | 9334101  | 1.02   | cps   |
| Indium     | 115-2 | 1944473  | 1946904  | 1973469  | 1954949  | 0.82   | cps   |
| Iron       | 56-2  | 113992   | 111345   | 110110   | 111815   | 1.77   | cps   |
| Iron       | 57-2  | 2484     | 2689     | 2734     | 2636     | 5.06   | cps   |
| Lead       | 206-1 | 6463     | 6057     | 6007     | 6176     | 4.05   | cps   |
| Lead       | 207-1 | 5307     | 5546     | 5246     | 5366     | 2.96   | cps   |
| Lead       | 208-1 | 24832    | 24237    | 24671    | 24580    | 1.25   | cps   |
| Lithium    | 6-1   | 313255   | 308758   | 309757   | 310590   | 0.76   | cps   |
| Magnesium  | 24-2  | 385559   | 390900   | 387570   | 388010   | 0.70   | cps   |
| Manganese  | 55-2  | 34594    | 35018    | 34307    | 34640    | 1.03   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-18 Instrumnet Name : P7  
 Client Sample ID : R44501WRC1101.1B-07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:39:11 DataFile Name : 033SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD    | Units |
|------------|-------|----------|----------|----------|----------|-----------|-------|
| Molybdenum | 94-1  | 575      | 817      | 817      | 736      | 18.95     | cps   |
| Molybdenum | 95-1  | 425      | 458      | 642      | 508      | 22.95     | cps   |
| Molybdenum | 96-1  | 608      | 917      | 967      | 831      | 23.37     | cps   |
| Molybdenum | 97-1  | 417      | 350      | 475      | 414      | 15.11     | cps   |
| Molybdenum | 98-1  | 1050     | 1000     | 1108     | 1053     | 5.15      | cps   |
| Neodymium  | 150-1 | 47       | 40       | 47       | 44       | 8.66      | cps   |
| Neodymium  | 150-2 | 17       | 13       | 17       | 16       | 12.40     | cps   |
| Nickel     | 60-2  | 16006    | 16323    | 15909    | 16079    | 1.35      | cps   |
| Phosphorus | 31-2  | 4351     | 4109     | 4101     | 4187     | 3.39      | cps   |
| Potassium  | 39-2  | 201880   | 202126   | 204093   | 202700   | 0.60      | cps   |
| Rhodium    | 103-2 | 4722438  | 4756849  | 4758460  | 4745916  | 0.43      | cps   |
| Rhodium    | 103-1 | 8875729  | 8842144  | 8817865  | 8845246  | 0.33      | cps   |
| Scandium   | 45-1  | 5915498  | 5826302  | 5872579  | 5871460  | 0.76      | cps   |
| Scandium   | 45-2  | 287971   | 287980   | 289463   | 288471   | 0.30      | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60     | cps   |
| Selenium   | 78-2  | 109      | 63       | 115      | 96       | 29.76     | cps   |
| Selenium   | 82-1  | 96       | -13      | -85      | -1       | -12998.28 | cps   |
| Silicon    | 28-1  | 5249771  | 5246495  | 5199708  | 5231991  | 0.54      | cps   |
| Silver     | 109-1 | 1008     | 1192     | 975      | 1058     | 11.02     | cps   |
| Silver     | 107-1 | 1017     | 1192     | 1208     | 1139     | 9.32      | cps   |
| Sodium     | 23-2  | 4679617  | 4703316  | 4698729  | 4693887  | 0.27      | cps   |
| Strontium  | 86-1  | 89160    | 89588    | 88086    | 88945    | 0.87      | cps   |
| Strontium  | 88-1  | 780174   | 770712   | 770711   | 773866   | 0.71      | cps   |
| Sulfur     | 34-1  | 365864   | 369718   | 371667   | 369083   | 0.80      | cps   |
| Terbium    | 159-1 | 11980716 | 12008534 | 11938181 | 11975811 | 0.30      | cps   |
| Terbium    | 159-2 | 6473787  | 6392652  | 6403254  | 6423231  | 0.69      | cps   |
| Thallium   | 203-1 | 75       | 75       | 108      | 86       | 22.35     | cps   |
| Thallium   | 205-1 | 108      | 167      | 217      | 164      | 33.08     | cps   |
| Tin        | 118-1 | 1083     | 1142     | 1158     | 1128     | 3.49      | cps   |
| Titanium   | 47-1  | 433      | 850      | 600      | 628      | 33.41     | cps   |
| Uranium    | 238-1 | 167      | 200      | 192      | 186      | 9.32      | cps   |
| Vanadium   | 51-2  | 197      | 120      | 210      | 176      | 27.67     | cps   |
| Yttrium    | 89-2  | 1590937  | 1609797  | 1608464  | 1603066  | 0.66      | cps   |
| Yttrium    | 89-1  | 10262942 | 10258588 | 10217225 | 10246252 | 0.25      | cps   |
| Zinc       | 66-2  | 130449   | 130793   | 130311   | 130518   | 0.19      | cps   |
| Zirconium  | 90-1  | 1042     | 1217     | 1333     | 1197     | 12.26     | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44501WRC1101.1B-07; | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:39:11  | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 275  | 208  | 267     | 20.49  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-19 Instrumnet Name : P7  
 Client Sample ID : R44504HAB4428.1B-201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:42:42 DataFile Name : 034SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 617      | 567      | 1050     | 745      | 35.73  | cps   |
| Antimony   | 121-1 | 1250     | 1408     | 1250     | 1303     | 7.02   | cps   |
| Arsenic    | 75-2  | 194      | 146      | 139      | 160      | 18.87  | cps   |
| Barium     | 135-1 | 47231    | 48678    | 46906    | 47605    | 1.98   | cps   |
| Barium     | 137-1 | 81631    | 78975    | 81941    | 80849    | 2.02   | cps   |
| Beryllium  | 9-1   | 22       | 11       | 17       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 6998487  | 6902277  | 6887529  | 6929431  | 0.87   | cps   |
| Bismuth    | 209-2 | 4648668  | 4715423  | 4652568  | 4672220  | 0.80   | cps   |
| Boron      | 10-1  | 892      | 842      | 975      | 903      | 7.46   | cps   |
| Boron      | 11-1  | 4776     | 4993     | 4884     | 4884     | 2.22   | cps   |
| Cadmium    | 106-1 | 2317     | 1925     | 2250     | 2164     | 9.68   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 21       | 14       | 45.83  | cps   |
| Cadmium    | 111-1 | 1626     | 1350     | 1565     | 1514     | 9.56   | cps   |
| Calcium    | 43-1  | 237857   | 236141   | 236181   | 236726   | 0.41   | cps   |
| Calcium    | 44-1  | 3913337  | 3870043  | 3902781  | 3895387  | 0.58   | cps   |
| Chromium   | 52-2  | 1493     | 1433     | 1557     | 1495     | 4.13   | cps   |
| Cobalt     | 59-2  | 297      | 333      | 270      | 300      | 10.60  | cps   |
| Copper     | 63-2  | 1993093  | 1992851  | 1998848  | 1994931  | 0.17   | cps   |
| Dysprosium | 156-2 | 20       | 23       | 10       | 18       | 39.03  | cps   |
| Dysprosium | 156-1 | 25       | 33       | 42       | 33       | 25.01  | cps   |
| Erbium     | 164-1 | 75       | 33       | 75       | 61       | 39.37  | cps   |
| Erbium     | 164-2 | 27       | 37       | 53       | 39       | 34.63  | cps   |
| Gadolinium | 160-2 | 33       | 57       | 60       | 50       | 29.06  | cps   |
| Gadolinium | 160-1 | 125      | 58       | 117      | 100      | 36.32  | cps   |
| Holmium    | 165-2 | 6388732  | 6568094  | 6564432  | 6507086  | 1.58   | cps   |
| Holmium    | 165-1 | 11378791 | 11385997 | 11404794 | 11389861 | 0.12   | cps   |
| Indium     | 115-1 | 9379308  | 9390476  | 9302681  | 9357489  | 0.51   | cps   |
| Indium     | 115-2 | 1944073  | 1975178  | 1966608  | 1961953  | 0.82   | cps   |
| Iron       | 56-2  | 156611   | 158244   | 157491   | 157449   | 0.52   | cps   |
| Iron       | 57-2  | 3845     | 4062     | 3923     | 3943     | 2.78   | cps   |
| Lead       | 206-1 | 2061     | 2461     | 2250     | 2258     | 8.87   | cps   |
| Lead       | 207-1 | 1822     | 1984     | 2017     | 1941     | 5.36   | cps   |
| Lead       | 208-1 | 8546     | 9163     | 9124     | 8944     | 3.86   | cps   |
| Lithium    | 6-1   | 312989   | 313117   | 313053   | 313053   | 0.02   | cps   |
| Magnesium  | 24-2  | 382361   | 382088   | 383902   | 382784   | 0.26   | cps   |
| Manganese  | 55-2  | 29366    | 29222    | 29553    | 29381    | 0.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4428.1B-201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:42:42  | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 567      | 833      | 686      | 19.75  | cps   |
| Molybdenum | 95-1  | 425      | 617      | 625      | 556      | 20.37  | cps   |
| Molybdenum | 96-1  | 567      | 600      | 683      | 617      | 9.75   | cps   |
| Molybdenum | 97-1  | 458      | 292      | 442      | 397      | 23.11  | cps   |
| Molybdenum | 98-1  | 825      | 917      | 1025     | 922      | 10.86  | cps   |
| Neodymium  | 150-1 | 20       | 47       | 40       | 36       | 39.03  | cps   |
| Neodymium  | 150-2 | 23       | 7        | 10       | 13       | 66.12  | cps   |
| Nickel     | 60-2  | 2024     | 1974     | 1937     | 1978     | 2.20   | cps   |
| Phosphorus | 31-2  | 4309     | 4192     | 4426     | 4309     | 2.71   | cps   |
| Potassium  | 39-2  | 201601   | 207792   | 205267   | 204887   | 1.52   | cps   |
| Rhodium    | 103-2 | 4741132  | 4786209  | 4752308  | 4759883  | 0.49   | cps   |
| Rhodium    | 103-1 | 8988473  | 8863076  | 8946860  | 8932803  | 0.71   | cps   |
| Scandium   | 45-1  | 5921730  | 5904574  | 5909377  | 5911894  | 0.15   | cps   |
| Scandium   | 45-2  | 288649   | 290083   | 286987   | 288573   | 0.54   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 85       | 96       | 87       | 90       | 6.65   | cps   |
| Selenium   | 82-1  | 81       | 190      | 116      | 129      | 42.90  | cps   |
| Silicon    | 28-1  | 5240642  | 5275030  | 5254703  | 5256792  | 0.33   | cps   |
| Silver     | 109-1 | 125      | 150      | 183      | 153      | 19.15  | cps   |
| Silver     | 107-1 | 167      | 125      | 233      | 175      | 31.22  | cps   |
| Sodium     | 23-2  | 4716444  | 4732771  | 4726816  | 4725344  | 0.17   | cps   |
| Strontium  | 86-1  | 91357    | 89763    | 90392    | 90504    | 0.89   | cps   |
| Strontium  | 88-1  | 776976   | 773015   | 774686   | 774892   | 0.26   | cps   |
| Sulfur     | 34-1  | 364588   | 369163   | 371525   | 368426   | 0.96   | cps   |
| Terbium    | 159-1 | 11973879 | 12079684 | 12144704 | 12066089 | 0.71   | cps   |
| Terbium    | 159-2 | 6431769  | 6437955  | 6599312  | 6489679  | 1.46   | cps   |
| Thallium   | 203-1 | 108      | 92       | 83       | 94       | 13.48  | cps   |
| Thallium   | 205-1 | 133      | 225      | 150      | 169      | 28.82  | cps   |
| Tin        | 118-1 | 758      | 884      | 883      | 842      | 8.58   | cps   |
| Titanium   | 47-1  | 558      | 667      | 633      | 619      | 8.96   | cps   |
| Uranium    | 238-1 | 225      | 200      | 292      | 239      | 19.84  | cps   |
| Vanadium   | 51-2  | 130      | 133      | 187      | 150      | 21.20  | cps   |
| Yttrium    | 89-2  | 1599877  | 1599680  | 1599138  | 1599565  | 0.02   | cps   |
| Yttrium    | 89-1  | 10234929 | 10240646 | 10312916 | 10262830 | 0.42   | cps   |
| Zinc       | 66-2  | 11235    | 11091    | 11401    | 11242    | 1.38   | cps   |
| Zirconium  | 90-1  | 1000     | 1042     | 1083     | 1042     | 4.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4428.1B-201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:42:42  | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 300  | 267  | 239     | 32.97  | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : I1432-20 Instrumnet Name : P7  
 Client Sample ID : R44504HAB4440.1B-202 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 16:46:14 DataFile Name : 035SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 683      | 550      | 458      | 564      | 20.07  | cps   |
| Antimony   | 121-1 | 2942     | 2850     | 2600     | 2798     | 6.32   | cps   |
| Arsenic    | 75-2  | 167      | 143      | 150      | 153      | 8.06   | cps   |
| Barium     | 135-1 | 41998    | 40276    | 42743    | 41672    | 3.04   | cps   |
| Barium     | 137-1 | 70513    | 71384    | 70111    | 70669    | 0.92   | cps   |
| Beryllium  | 9-1   | 33       | 11       | 17       | 20       | 56.76  | cps   |
| Bismuth    | 209-1 | 6713697  | 6771636  | 6788514  | 6757949  | 0.58   | cps   |
| Bismuth    | 209-2 | 4538216  | 4563636  | 4574377  | 4558743  | 0.41   | cps   |
| Boron      | 10-1  | 875      | 767      | 842      | 828      | 6.70   | cps   |
| Boron      | 11-1  | 4834     | 4734     | 4526     | 4698     | 3.35   | cps   |
| Cadmium    | 106-1 | 2250     | 2375     | 2225     | 2284     | 3.52   | cps   |
| Cadmium    | 108-1 | 54       | 50       | 63       | 56       | 11.46  | cps   |
| Cadmium    | 111-1 | 1808     | 1919     | 1793     | 1840     | 3.75   | cps   |
| Calcium    | 43-1  | 215472   | 216113   | 214888   | 215491   | 0.28   | cps   |
| Calcium    | 44-1  | 3536264  | 3531179  | 3526163  | 3531202  | 0.14   | cps   |
| Chromium   | 52-2  | 1353     | 1333     | 1377     | 1355     | 1.60   | cps   |
| Cobalt     | 59-2  | 373      | 367      | 353      | 364      | 2.80   | cps   |
| Copper     | 63-2  | 3819864  | 3835624  | 3843283  | 3832924  | 0.31   | cps   |
| Dysprosium | 156-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Dysprosium | 156-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Erbium     | 164-1 | 58       | 108      | 42       | 69       | 49.96  | cps   |
| Erbium     | 164-2 | 30       | 33       | 23       | 29       | 17.63  | cps   |
| Gadolinium | 160-2 | 13       | 53       | 37       | 34       | 58.34  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 67       | 78       | 24.75  | cps   |
| Holmium    | 165-2 | 6339105  | 6404601  | 6419632  | 6387779  | 0.67   | cps   |
| Holmium    | 165-1 | 11049144 | 11033270 | 10975281 | 11019232 | 0.35   | cps   |
| Indium     | 115-1 | 9074045  | 9130857  | 9005553  | 9070152  | 0.69   | cps   |
| Indium     | 115-2 | 1905483  | 1907157  | 1916829  | 1909823  | 0.32   | cps   |
| Iron       | 56-2  | 56920    | 55238    | 56187    | 56115    | 1.50   | cps   |
| Iron       | 57-2  | 1400     | 1339     | 1350     | 1363     | 2.39   | cps   |
| Lead       | 206-1 | 20349    | 19014    | 19927    | 19763    | 3.45   | cps   |
| Lead       | 207-1 | 17212    | 16344    | 17234    | 16930    | 3.00   | cps   |
| Lead       | 208-1 | 78943    | 77068    | 78453    | 78155    | 1.24   | cps   |
| Lithium    | 6-1   | 306174   | 304906   | 303303   | 304794   | 0.47   | cps   |
| Magnesium  | 24-2  | 345750   | 346317   | 349061   | 347043   | 0.51   | cps   |
| Manganese  | 55-2  | 12259    | 12285    | 12115    | 12220    | 0.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4440.1B-202 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:46:14  | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 600      | 608      | 625      | 5.81   | cps   |
| Molybdenum | 95-1  | 333      | 408      | 525      | 422      | 22.87  | cps   |
| Molybdenum | 96-1  | 450      | 625      | 658      | 578      | 19.37  | cps   |
| Molybdenum | 97-1  | 325      | 350      | 317      | 331      | 5.25   | cps   |
| Molybdenum | 98-1  | 567      | 808      | 892      | 756      | 22.34  | cps   |
| Neodymium  | 150-1 | 33       | 13       | 27       | 24       | 41.66  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 3074     | 2920     | 3010     | 3001     | 2.57   | cps   |
| Phosphorus | 31-2  | 2250     | 1967     | 2192     | 2136     | 7.00   | cps   |
| Potassium  | 39-2  | 196239   | 194477   | 196333   | 195683   | 0.53   | cps   |
| Rhodium    | 103-2 | 4633735  | 4620558  | 4649404  | 4634566  | 0.31   | cps   |
| Rhodium    | 103-1 | 8578162  | 8522122  | 8521827  | 8540704  | 0.38   | cps   |
| Scandium   | 45-1  | 5778347  | 5709914  | 5694271  | 5727511  | 0.78   | cps   |
| Scandium   | 45-2  | 283664   | 283065   | 280633   | 282454   | 0.57   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 83       | 85       | 81       | 83       | 2.23   | cps   |
| Selenium   | 82-1  | 56       | 60       | 175      | 97       | 69.51  | cps   |
| Silicon    | 28-1  | 4840632  | 4836831  | 4822597  | 4833353  | 0.20   | cps   |
| Silver     | 109-1 | 633      | 525      | 683      | 614      | 13.19  | cps   |
| Silver     | 107-1 | 767      | 708      | 725      | 733      | 4.10   | cps   |
| Sodium     | 23-2  | 4474467  | 4519206  | 4525629  | 4506434  | 0.62   | cps   |
| Strontium  | 86-1  | 82697    | 81958    | 80811    | 81822    | 1.16   | cps   |
| Strontium  | 88-1  | 711668   | 709041   | 719530   | 713413   | 0.77   | cps   |
| Sulfur     | 34-1  | 360776   | 359000   | 358819   | 359532   | 0.30   | cps   |
| Terbium    | 159-1 | 11567425 | 11657804 | 11540506 | 11588578 | 0.53   | cps   |
| Terbium    | 159-2 | 6391541  | 6392669  | 6477349  | 6420520  | 0.77   | cps   |
| Thallium   | 203-1 | 67       | 83       | 83       | 78       | 12.37  | cps   |
| Thallium   | 205-1 | 142      | 217      | 208      | 189      | 21.76  | cps   |
| Tin        | 118-1 | 1100     | 1050     | 1225     | 1125     | 8.01   | cps   |
| Titanium   | 47-1  | 450      | 475      | 450      | 458      | 3.15   | cps   |
| Uranium    | 238-1 | 192      | 92       | 142      | 142      | 35.30  | cps   |
| Vanadium   | 51-2  | 107      | 83       | 100      | 97       | 12.44  | cps   |
| Yttrium    | 89-2  | 1559679  | 1556312  | 1569680  | 1561890  | 0.45   | cps   |
| Yttrium    | 89-1  | 9897527  | 9911420  | 9834204  | 9881050  | 0.42   | cps   |
| Zinc       | 66-2  | 307244   | 307646   | 308898   | 307929   | 0.28   | cps   |
| Zirconium  | 90-1  | 1025     | 950      | 1067     | 1014     | 5.83   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB85657              | Operator :        | Jaswal    |
| Lab Sample ID :         | I1432-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | R44504HAB4440.1B-202 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 16:46:14  | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 175  | 225  | 194     | 13.78  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1018998  | 1027375  | 1021528  | 1022634  | 0.42   | cps   |
| Antimony   | 121-1 | 5716207  | 5724176  | 5791805  | 5744062  | 0.72   | cps   |
| Arsenic    | 75-2  | 223800   | 224186   | 225429   | 224472   | 0.38   | cps   |
| Barium     | 135-1 | 7047680  | 7019732  | 7069220  | 7045544  | 0.35   | cps   |
| Barium     | 137-1 | 12173570 | 11986154 | 12153459 | 12104394 | 0.85   | cps   |
| Beryllium  | 9-1   | 451488   | 454521   | 452695   | 452901   | 0.34   | cps   |
| Bismuth    | 209-1 | 6282325  | 6395876  | 6343131  | 6340444  | 0.90   | cps   |
| Bismuth    | 209-2 | 4272973  | 4285684  | 4322562  | 4293740  | 0.60   | cps   |
| Boron      | 10-1  | 67510    | 69886    | 69393    | 68930    | 1.82   | cps   |
| Boron      | 11-1  | 370506   | 377551   | 382482   | 376846   | 1.60   | cps   |
| Cadmium    | 106-1 | 137923   | 139606   | 141366   | 139632   | 1.23   | cps   |
| Cadmium    | 108-1 | 93565    | 94219    | 93811    | 93865    | 0.35   | cps   |
| Cadmium    | 111-1 | 1324964  | 1329061  | 1336022  | 1330015  | 0.42   | cps   |
| Calcium    | 43-1  | 1674224  | 1673082  | 1683022  | 1676776  | 0.32   | cps   |
| Calcium    | 44-1  | 26889582 | 26866821 | 27042196 | 26932867 | 0.35   | cps   |
| Chromium   | 52-2  | 2057002  | 2063034  | 2050739  | 2056925  | 0.30   | cps   |
| Cobalt     | 59-2  | 3390730  | 3433120  | 3398073  | 3407307  | 0.66   | cps   |
| Copper     | 63-2  | 4937516  | 4952845  | 4978045  | 4956135  | 0.41   | cps   |
| Dysprosium | 156-2 | 17       | 47       | 27       | 30       | 50.91  | cps   |
| Dysprosium | 156-1 | 42       | 92       | 50       | 61       | 43.83  | cps   |
| Erbium     | 164-1 | 50       | 67       | 75       | 64       | 19.92  | cps   |
| Erbium     | 164-2 | 33       | 27       | 50       | 37       | 32.78  | cps   |
| Gadolinium | 160-2 | 37       | 30       | 43       | 37       | 18.18  | cps   |
| Gadolinium | 160-1 | 108      | 42       | 75       | 75       | 44.44  | cps   |
| Holmium    | 165-2 | 6151331  | 6228621  | 6262739  | 6214230  | 0.92   | cps   |
| Holmium    | 165-1 | 10589390 | 10483746 | 10455839 | 10509658 | 0.67   | cps   |
| Indium     | 115-1 | 8492397  | 8343336  | 8407896  | 8414543  | 0.89   | cps   |
| Indium     | 115-2 | 1794299  | 1797960  | 1795700  | 1795986  | 0.10   | cps   |
| Iron       | 56-2  | 82303730 | 82227285 | 82448605 | 82326540 | 0.14   | cps   |
| Iron       | 57-2  | 2025245  | 2044682  | 2050898  | 2040275  | 0.66   | cps   |
| Lead       | 206-1 | 3997248  | 4062809  | 4078985  | 4046348  | 1.07   | cps   |
| Lead       | 207-1 | 3680379  | 3736277  | 3738943  | 3718533  | 0.89   | cps   |
| Lead       | 208-1 | 16380344 | 16631903 | 16548334 | 16520193 | 0.78   | cps   |
| Lithium    | 6-1   | 284529   | 285808   | 284402   | 284913   | 0.27   | cps   |
| Magnesium  | 24-2  | 12602341 | 12786673 | 12547977 | 12645664 | 0.99   | cps   |
| Manganese  | 55-2  | 2167029  | 2172048  | 2162024  | 2167033  | 0.23   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5428774  | 5503316  | 5472376  | 5468155  | 0.68   | cps   |
| Molybdenum | 95-1  | 2908476  | 2939291  | 2919206  | 2922325  | 0.54   | cps   |
| Molybdenum | 96-1  | 3764993  | 3749468  | 3775516  | 3763326  | 0.35   | cps   |
| Molybdenum | 97-1  | 1802270  | 1805867  | 1813994  | 1807377  | 0.33   | cps   |
| Molybdenum | 98-1  | 4673881  | 4688212  | 4712601  | 4691565  | 0.42   | cps   |
| Neodymium  | 150-1 | 287      | 287      | 300      | 291      | 2.64   | cps   |
| Neodymium  | 150-2 | 50       | 53       | 30       | 44       | 28.39  | cps   |
| Nickel     | 60-2  | 901928   | 902385   | 904487   | 902933   | 0.15   | cps   |
| Phosphorus | 31-2  | 56399    | 57428    | 56566    | 56798    | 0.97   | cps   |
| Potassium  | 39-2  | 6510758  | 6484201  | 6445436  | 6480132  | 0.51   | cps   |
| Rhodium    | 103-2 | 4350300  | 4344710  | 4350080  | 4348364  | 0.07   | cps   |
| Rhodium    | 103-1 | 7803486  | 7859662  | 7932387  | 7865178  | 0.82   | cps   |
| Scandium   | 45-1  | 5476418  | 5454784  | 5504619  | 5478607  | 0.46   | cps   |
| Scandium   | 45-2  | 274284   | 271947   | 272718   | 272983   | 0.44   | cps   |
| Selenium   | 77-2  | 3807     | 4044     | 3801     | 3884     | 3.57   | cps   |
| Selenium   | 78-2  | 13125    | 13180    | 13440    | 13248    | 1.27   | cps   |
| Selenium   | 82-1  | 81811    | 81732    | 82006    | 81850    | 0.17   | cps   |
| Silicon    | 28-1  | 3684732  | 3695377  | 3696195  | 3692101  | 0.17   | cps   |
| Silver     | 109-1 | 6625443  | 6560294  | 6581450  | 6589062  | 0.50   | cps   |
| Silver     | 107-1 | 6902006  | 6793761  | 6781423  | 6825730  | 0.97   | cps   |
| Sodium     | 23-2  | 24486072 | 24432540 | 24387868 | 24435493 | 0.20   | cps   |
| Strontium  | 86-1  | 2073311  | 2100730  | 2089133  | 2087725  | 0.66   | cps   |
| Strontium  | 88-1  | 18015833 | 17995143 | 18115592 | 18042189 | 0.36   | cps   |
| Sulfur     | 34-1  | 749128   | 748056   | 747473   | 748219   | 0.11   | cps   |
| Terbium    | 159-1 | 11261767 | 11095692 | 11160342 | 11172601 | 0.75   | cps   |
| Terbium    | 159-2 | 6174620  | 6219723  | 6240686  | 6211676  | 0.54   | cps   |
| Thallium   | 203-1 | 5034104  | 5042639  | 5080637  | 5052460  | 0.49   | cps   |
| Thallium   | 205-1 | 11954530 | 11910925 | 11967304 | 11944253 | 0.25   | cps   |
| Tin        | 118-1 | 4672833  | 4657821  | 4700064  | 4676906  | 0.46   | cps   |
| Titanium   | 47-1  | 813720   | 826988   | 827839   | 822849   | 0.96   | cps   |
| Uranium    | 238-1 | 17730961 | 17650132 | 17422695 | 17601263 | 0.91   | cps   |
| Vanadium   | 51-2  | 1690232  | 1696410  | 1695685  | 1694109  | 0.20   | cps   |
| Yttrium    | 89-2  | 1502757  | 1508934  | 1507165  | 1506285  | 0.21   | cps   |
| Yttrium    | 89-1  | 9395413  | 9419852  | 9421342  | 9412202  | 0.15   | cps   |
| Zinc       | 66-2  | 596228   | 599202   | 596540   | 597324   | 0.27   | cps   |
| Zirconium  | 90-1  | 10405813 | 10413767 | 10430153 | 10416578 | 0.12   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV092              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV092              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 16:53:20 | DataFile Name :   | 036CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2287737 | 2320653 | 2311968 | 2306786 | 0.74   | cps   |

LB Number : LB85657 Operator : Jaswal  
 Lab Sample ID : CCB092 Instrumnet Name : P7  
 Client Sample ID : CCB092 Dilution Factor : 1  
 Date & Time Acquired :: 2017-02-02 17:03:00 DataFile Name : 037CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Antimony   | 121-1 | 11989    | 15192    | 16769    | 14650    | 16.63  | cps   |
| Arsenic    | 75-2  | 50       | 70       | 70       | 64       | 18.50  | cps   |
| Barium     | 135-1 | 125      | 100      | 75       | 100      | 25.00  | cps   |
| Barium     | 137-1 | 192      | 150      | 233      | 192      | 21.74  | cps   |
| Beryllium  | 9-1   | 17       | 6        | 28       | 17       | 66.65  | cps   |
| Bismuth    | 209-1 | 6494114  | 6577507  | 6483715  | 6518445  | 0.79   | cps   |
| Bismuth    | 209-2 | 4367420  | 4461172  | 4442081  | 4423558  | 1.12   | cps   |
| Boron      | 10-1  | 458      | 450      | 483      | 464      | 3.74   | cps   |
| Boron      | 11-1  | 2400     | 2259     | 2334     | 2331     | 3.04   | cps   |
| Cadmium    | 106-1 | 2034     | 1909     | 1884     | 1942     | 4.14   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 13       | 10       | 24.77  | cps   |
| Cadmium    | 111-1 | 1434     | 1372     | 1326     | 1378     | 3.93   | cps   |
| Calcium    | 43-1  | 467      | 408      | 492      | 456      | 9.39   | cps   |
| Calcium    | 44-1  | 19964    | 19347    | 19781    | 19697    | 1.61   | cps   |
| Chromium   | 52-2  | 967      | 837      | 983      | 929      | 8.64   | cps   |
| Cobalt     | 59-2  | 123      | 203      | 147      | 158      | 26.07  | cps   |
| Copper     | 63-2  | 740      | 733      | 797      | 757      | 4.60   | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Erbium     | 164-1 | 8        | 42       | 25       | 25       | 66.68  | cps   |
| Erbium     | 164-2 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Gadolinium | 160-2 | 27       | 23       | 10       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 58       | 33       | 58       | 50       | 28.88  | cps   |
| Holmium    | 165-2 | 6117218  | 6205572  | 6174571  | 6165787  | 0.73   | cps   |
| Holmium    | 165-1 | 10599316 | 10569608 | 10564848 | 10577924 | 0.18   | cps   |
| Indium     | 115-1 | 8667952  | 8700783  | 8689042  | 8685926  | 0.19   | cps   |
| Indium     | 115-2 | 1815323  | 1850268  | 1831895  | 1832495  | 0.95   | cps   |
| Iron       | 56-2  | 6352     | 5996     | 5907     | 6085     | 3.87   | cps   |
| Iron       | 57-2  | 150      | 139      | 111      | 133      | 15.03  | cps   |
| Lead       | 206-1 | 1000     | 906      | 917      | 941      | 5.49   | cps   |
| Lead       | 207-1 | 900      | 1000     | 833      | 911      | 9.21   | cps   |
| Lead       | 208-1 | 4073     | 3934     | 3961     | 3989     | 1.84   | cps   |
| Lithium    | 6-1   | 293240   | 294333   | 292739   | 293437   | 0.28   | cps   |
| Magnesium  | 24-2  | 375      | 383      | 308      | 356      | 11.56  | cps   |
| Manganese  | 55-2  | 123      | 133      | 150      | 136      | 9.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB092              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB092              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:03:00 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1283     | 1292     | 1650     | 1408     | 14.86  | cps   |
| Molybdenum | 95-1  | 1125     | 1534     | 1767     | 1475     | 22.02  | cps   |
| Molybdenum | 96-1  | 1292     | 1625     | 1950     | 1622     | 20.29  | cps   |
| Molybdenum | 97-1  | 725      | 908      | 1025     | 886      | 17.07  | cps   |
| Molybdenum | 98-1  | 1975     | 2409     | 3092     | 2492     | 22.60  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 117      | 100      | 97       | 22.62  | cps   |
| Phosphorus | 31-2  | 75       | 92       | 117      | 94       | 22.21  | cps   |
| Potassium  | 39-2  | 28178    | 26808    | 27426    | 27471    | 2.50   | cps   |
| Rhodium    | 103-2 | 4415593  | 4480399  | 4465629  | 4453874  | 0.76   | cps   |
| Rhodium    | 103-1 | 8227972  | 8201949  | 8251548  | 8227156  | 0.30   | cps   |
| Scandium   | 45-1  | 5478076  | 5380334  | 5476032  | 5444814  | 1.03   | cps   |
| Scandium   | 45-2  | 268507   | 271556   | 272164   | 270743   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 70       | 80       | 80       | 77       | 6.98   | cps   |
| Selenium   | 82-1  | 76       | 31       | -44      | 21       | 285.17 | cps   |
| Silicon    | 28-1  | 484979   | 489624   | 487480   | 487361   | 0.48   | cps   |
| Silver     | 109-1 | 192      | 158      | 133      | 161      | 18.17  | cps   |
| Silver     | 107-1 | 125      | 200      | 158      | 161      | 23.32  | cps   |
| Sodium     | 23-2  | 23169    | 23210    | 23235    | 23205    | 0.15   | cps   |
| Strontium  | 86-1  | 1108     | 1150     | 1092     | 1117     | 2.69   | cps   |
| Strontium  | 88-1  | 675      | 733      | 867      | 758      | 12.96  | cps   |
| Sulfur     | 34-1  | 298366   | 298339   | 300734   | 299146   | 0.46   | cps   |
| Terbium    | 159-1 | 11179033 | 11127978 | 11144469 | 11150493 | 0.23   | cps   |
| Terbium    | 159-2 | 6083679  | 6186037  | 6162197  | 6143971  | 0.87   | cps   |
| Thallium   | 203-1 | 192      | 200      | 208      | 200      | 4.16   | cps   |
| Thallium   | 205-1 | 475      | 467      | 483      | 475      | 1.76   | cps   |
| Tin        | 118-1 | 1775     | 1892     | 2075     | 1914     | 7.90   | cps   |
| Titanium   | 47-1  | 183      | 150      | 142      | 158      | 13.93  | cps   |
| Uranium    | 238-1 | 183      | 225      | 242      | 217      | 13.87  | cps   |
| Vanadium   | 51-2  | 27       | 47       | 33       | 36       | 28.64  | cps   |
| Yttrium    | 89-2  | 1474820  | 1503235  | 1496881  | 1491645  | 1.00   | cps   |
| Yttrium    | 89-1  | 9417699  | 9516056  | 9450264  | 9461340  | 0.53   | cps   |
| Zinc       | 66-2  | 217      | 197      | 277      | 230      | 18.10  | cps   |
| Zirconium  | 90-1  | 1200     | 1258     | 1350     | 1270     | 5.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB092              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB092              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:03:00 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 300  | 350  | 314     | 10.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 175      | 125      | 150      | 150      | 16.67  | cps   |
| Antimony   | 121-1 | 5184     | 5526     | 6177     | 5629     | 8.95   | cps   |
| Arsenic    | 75-2  | 50757    | 51013    | 50714    | 50828    | 0.32   | cps   |
| Barium     | 135-1 | 61989    | 62834    | 62927    | 62583    | 0.83   | cps   |
| Barium     | 137-1 | 109083   | 109815   | 107296   | 108731   | 1.19   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 67       | 39       | 65.47  | cps   |
| Bismuth    | 209-1 | 6887320  | 6841243  | 6774074  | 6834212  | 0.83   | cps   |
| Bismuth    | 209-2 | 4584552  | 4578604  | 4584308  | 4582488  | 0.07   | cps   |
| Boron      | 10-1  | 1033     | 1067     | 858      | 986      | 11.35  | cps   |
| Boron      | 11-1  | 5735     | 5535     | 5660     | 5643     | 1.79   | cps   |
| Cadmium    | 106-1 | 2267     | 2442     | 2234     | 2314     | 4.84   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 25       | 11       | 108.21 | cps   |
| Cadmium    | 111-1 | 1609     | 1715     | 1563     | 1629     | 4.79   | cps   |
| Calcium    | 43-1  | 1147221  | 1138770  | 1147425  | 1144472  | 0.43   | cps   |
| Calcium    | 44-1  | 18689775 | 18573306 | 18682992 | 18648691 | 0.35   | cps   |
| Chromium   | 52-2  | 2650     | 2614     | 2417     | 2560     | 4.90   | cps   |
| Cobalt     | 59-2  | 273      | 187      | 120      | 193      | 39.77  | cps   |
| Copper     | 63-2  | 1310     | 1393     | 1480     | 1395     | 6.10   | cps   |
| Dysprosium | 156-2 | 20       | 13       | 3        | 12       | 68.66  | cps   |
| Dysprosium | 156-1 | 75       | 58       | 33       | 56       | 37.74  | cps   |
| Erbium     | 164-1 | 58       | 50       | 83       | 64       | 27.15  | cps   |
| Erbium     | 164-2 | 30       | 47       | 37       | 38       | 22.21  | cps   |
| Gadolinium | 160-2 | 43       | 37       | 27       | 36       | 23.58  | cps   |
| Gadolinium | 160-1 | 67       | 58       | 83       | 69       | 18.33  | cps   |
| Holmium    | 165-2 | 6391377  | 6457052  | 6416052  | 6421494  | 0.52   | cps   |
| Holmium    | 165-1 | 11300158 | 11227462 | 11222341 | 11249987 | 0.39   | cps   |
| Indium     | 115-1 | 9095763  | 9091709  | 8977457  | 9054976  | 0.74   | cps   |
| Indium     | 115-2 | 1891379  | 1909305  | 1904485  | 1901723  | 0.49   | cps   |
| Iron       | 56-2  | 12055    | 12400    | 11816    | 12090    | 2.43   | cps   |
| Iron       | 57-2  | 406      | 433      | 467      | 435      | 7.03   | cps   |
| Lead       | 206-1 | 32563    | 33403    | 32340    | 32769    | 1.71   | cps   |
| Lead       | 207-1 | 29517    | 30319    | 29439    | 29758    | 1.64   | cps   |
| Lead       | 208-1 | 133487   | 134560   | 132125   | 133391   | 0.91   | cps   |
| Lithium    | 6-1   | 311705   | 310189   | 312021   | 311305   | 0.31   | cps   |
| Magnesium  | 24-2  | 4022529  | 4074279  | 4053968  | 4050259  | 0.64   | cps   |
| Manganese  | 55-2  | 3537     | 3591     | 3841     | 3656     | 4.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2334     | 2134     | 2300     | 2256     | 4.75   | cps   |
| Molybdenum | 95-1  | 2500     | 2534     | 3084     | 2706     | 12.11  | cps   |
| Molybdenum | 96-1  | 2884     | 3417     | 3409     | 3237     | 9.44   | cps   |
| Molybdenum | 97-1  | 1792     | 1842     | 1975     | 1870     | 5.07   | cps   |
| Molybdenum | 98-1  | 4293     | 4743     | 4818     | 4618     | 6.15   | cps   |
| Neodymium  | 150-1 | 67       | 40       | 40       | 49       | 31.50  | cps   |
| Neodymium  | 150-2 | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Nickel     | 60-2  | 217      | 270      | 230      | 239      | 11.62  | cps   |
| Phosphorus | 31-2  | 217      | 200      | 217      | 211      | 4.56   | cps   |
| Potassium  | 39-2  | 658779   | 663392   | 666740   | 662970   | 0.60   | cps   |
| Rhodium    | 103-2 | 4564848  | 4579230  | 4563645  | 4569241  | 0.19   | cps   |
| Rhodium    | 103-1 | 8547178  | 8527242  | 8494789  | 8523070  | 0.31   | cps   |
| Scandium   | 45-1  | 5799360  | 5719674  | 5776036  | 5765023  | 0.71   | cps   |
| Scandium   | 45-2  | 281281   | 283640   | 281890   | 282270   | 0.43   | cps   |
| Selenium   | 77-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 81       | 76       | 100      | 86       | 14.69  | cps   |
| Selenium   | 82-1  | 187      | 133      | 185      | 168      | 18.38  | cps   |
| Silicon    | 28-1  | 24110780 | 23938628 | 24000995 | 24016801 | 0.36   | cps   |
| Silver     | 109-1 | 108      | 67       | 142      | 106      | 35.60  | cps   |
| Silver     | 107-1 | 200      | 150      | 125      | 158      | 24.12  | cps   |
| Sodium     | 23-2  | 1068202  | 1070041  | 1070545  | 1069596  | 0.12   | cps   |
| Strontium  | 86-1  | 293442   | 292547   | 290333   | 292107   | 0.55   | cps   |
| Strontium  | 88-1  | 2572784  | 2547710  | 2532102  | 2550866  | 0.80   | cps   |
| Sulfur     | 34-1  | 560332   | 564693   | 566890   | 563972   | 0.59   | cps   |
| Terbium    | 159-1 | 11842032 | 11845691 | 11750429 | 11812717 | 0.46   | cps   |
| Terbium    | 159-2 | 6398679  | 6432877  | 6399692  | 6410416  | 0.30   | cps   |
| Thallium   | 203-1 | 200      | 200      | 242      | 214      | 11.25  | cps   |
| Thallium   | 205-1 | 525      | 450      | 483      | 486      | 7.73   | cps   |
| Tin        | 118-1 | 2084     | 2325     | 2109     | 2172     | 6.12   | cps   |
| Titanium   | 47-1  | 367      | 425      | 492      | 428      | 14.62  | cps   |
| Uranium    | 238-1 | 9279     | 9320     | 9137     | 9245     | 1.04   | cps   |
| Vanadium   | 51-2  | 550      | 577      | 557      | 561      | 2.47   | cps   |
| Yttrium    | 89-2  | 1560837  | 1561933  | 1556455  | 1559742  | 0.19   | cps   |
| Yttrium    | 89-1  | 9954768  | 9952694  | 9901931  | 9936464  | 0.30   | cps   |
| Zinc       | 66-2  | 693      | 627      | 637      | 652      | 5.51   | cps   |
| Zirconium  | 90-1  | 2059     | 2500     | 2609     | 2389     | 12.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | I1256-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | MC0CM3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:06:36 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 633  | 567  | 547     | 17.78  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1018132  | 1013509  | 1023247  | 1018296  | 0.48   | cps   |
| Antimony   | 121-1 | 5698715  | 5713631  | 5709998  | 5707448  | 0.14   | cps   |
| Arsenic    | 75-2  | 219285   | 220359   | 222188   | 220611   | 0.67   | cps   |
| Barium     | 135-1 | 6928933  | 6910244  | 6958355  | 6932511  | 0.35   | cps   |
| Barium     | 137-1 | 12025691 | 11914910 | 11993627 | 11978076 | 0.48   | cps   |
| Beryllium  | 9-1   | 460750   | 460796   | 461994   | 461180   | 0.15   | cps   |
| Bismuth    | 209-1 | 6376686  | 6435158  | 6483592  | 6431812  | 0.83   | cps   |
| Bismuth    | 209-2 | 4246633  | 4327376  | 4329524  | 4301178  | 1.10   | cps   |
| Boron      | 10-1  | 68749    | 69007    | 70113    | 69290    | 1.05   | cps   |
| Boron      | 11-1  | 372083   | 380055   | 389369   | 380502   | 2.27   | cps   |
| Cadmium    | 106-1 | 138461   | 142670   | 138766   | 139966   | 1.68   | cps   |
| Cadmium    | 108-1 | 92038    | 93712    | 94072    | 93274    | 1.16   | cps   |
| Cadmium    | 111-1 | 1317702  | 1340614  | 1332201  | 1330172  | 0.87   | cps   |
| Calcium    | 43-1  | 1666471  | 1676714  | 1670265  | 1671150  | 0.31   | cps   |
| Calcium    | 44-1  | 26601527 | 26744759 | 26804142 | 26716809 | 0.39   | cps   |
| Chromium   | 52-2  | 2028525  | 2035030  | 2046038  | 2036531  | 0.43   | cps   |
| Cobalt     | 59-2  | 3352041  | 3374082  | 3371935  | 3366019  | 0.36   | cps   |
| Copper     | 63-2  | 4884079  | 4901109  | 4903462  | 4896217  | 0.22   | cps   |
| Dysprosium | 156-2 | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Dysprosium | 156-1 | 75       | 100      | 83       | 86       | 14.79  | cps   |
| Erbium     | 164-1 | 33       | 58       | 75       | 56       | 37.75  | cps   |
| Erbium     | 164-2 | 23       | 43       | 30       | 32       | 31.61  | cps   |
| Gadolinium | 160-2 | 27       | 57       | 23       | 36       | 51.64  | cps   |
| Gadolinium | 160-1 | 58       | 50       | 50       | 53       | 9.12   | cps   |
| Holmium    | 165-2 | 6138948  | 6198105  | 6227216  | 6188090  | 0.73   | cps   |
| Holmium    | 165-1 | 10448950 | 10612991 | 10550379 | 10537440 | 0.79   | cps   |
| Indium     | 115-1 | 8344260  | 8404999  | 8286797  | 8345352  | 0.71   | cps   |
| Indium     | 115-2 | 1760634  | 1771792  | 1791127  | 1774517  | 0.87   | cps   |
| Iron       | 56-2  | 81263263 | 81333499 | 81285518 | 81294093 | 0.04   | cps   |
| Iron       | 57-2  | 1998863  | 2010117  | 2012149  | 2007043  | 0.36   | cps   |
| Lead       | 206-1 | 3989721  | 4096409  | 4114109  | 4066746  | 1.65   | cps   |
| Lead       | 207-1 | 3711610  | 3751994  | 3765360  | 3742988  | 0.75   | cps   |
| Lead       | 208-1 | 16492266 | 16636456 | 16740610 | 16623111 | 0.75   | cps   |
| Lithium    | 6-1   | 290864   | 293450   | 293070   | 292461   | 0.48   | cps   |
| Magnesium  | 24-2  | 12619261 | 12582647 | 12592076 | 12597995 | 0.15   | cps   |
| Manganese  | 55-2  | 2115849  | 2133092  | 2146314  | 2131752  | 0.72   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5406952  | 5448400  | 5423741  | 5426364  | 0.38   | cps   |
| Molybdenum | 95-1  | 2893754  | 2925404  | 2913603  | 2910920  | 0.55   | cps   |
| Molybdenum | 96-1  | 3707493  | 3757931  | 3744078  | 3736501  | 0.70   | cps   |
| Molybdenum | 97-1  | 1794659  | 1806275  | 1798937  | 1799957  | 0.33   | cps   |
| Molybdenum | 98-1  | 4680516  | 4697055  | 4665713  | 4681095  | 0.33   | cps   |
| Neodymium  | 150-1 | 253      | 213      | 220      | 229      | 9.36   | cps   |
| Neodymium  | 150-2 | 57       | 43       | 30       | 43       | 30.77  | cps   |
| Nickel     | 60-2  | 888610   | 892594   | 894911   | 892038   | 0.36   | cps   |
| Phosphorus | 31-2  | 55479    | 55487    | 56282    | 55749    | 0.83   | cps   |
| Potassium  | 39-2  | 6348820  | 6377793  | 6414747  | 6380453  | 0.52   | cps   |
| Rhodium    | 103-2 | 4281630  | 4309979  | 4336945  | 4309518  | 0.64   | cps   |
| Rhodium    | 103-1 | 7870862  | 7864849  | 7792228  | 7842646  | 0.56   | cps   |
| Scandium   | 45-1  | 5407686  | 5423523  | 5445643  | 5425617  | 0.35   | cps   |
| Scandium   | 45-2  | 267262   | 272241   | 269709   | 269737   | 0.92   | cps   |
| Selenium   | 77-2  | 3844     | 3747     | 3871     | 3821     | 1.70   | cps   |
| Selenium   | 78-2  | 12802    | 13011    | 13477    | 13097    | 2.64   | cps   |
| Selenium   | 82-1  | 81106    | 81573    | 81824    | 81501    | 0.45   | cps   |
| Silicon    | 28-1  | 3752957  | 3807383  | 3769508  | 3776616  | 0.74   | cps   |
| Silver     | 109-1 | 6587359  | 6620827  | 6523316  | 6577167  | 0.75   | cps   |
| Silver     | 107-1 | 6746980  | 6744491  | 6760580  | 6750684  | 0.13   | cps   |
| Sodium     | 23-2  | 24014780 | 24245225 | 24336219 | 24198741 | 0.68   | cps   |
| Strontium  | 86-1  | 2063746  | 2072551  | 2077877  | 2071391  | 0.34   | cps   |
| Strontium  | 88-1  | 17825060 | 17822594 | 17810836 | 17819497 | 0.04   | cps   |
| Sulfur     | 34-1  | 752175   | 754107   | 743033   | 749771   | 0.79   | cps   |
| Terbium    | 159-1 | 11062733 | 11126406 | 11129224 | 11106121 | 0.34   | cps   |
| Terbium    | 159-2 | 6136002  | 6190584  | 6228614  | 6185067  | 0.75   | cps   |
| Thallium   | 203-1 | 5032705  | 5124631  | 5147930  | 5101755  | 1.19   | cps   |
| Thallium   | 205-1 | 11729383 | 11974463 | 12030972 | 11911606 | 1.35   | cps   |
| Tin        | 118-1 | 4636343  | 4669513  | 4683222  | 4663026  | 0.52   | cps   |
| Titanium   | 47-1  | 812486   | 823609   | 823812   | 819969   | 0.79   | cps   |
| Uranium    | 238-1 | 17784358 | 17997277 | 17956817 | 17912817 | 0.63   | cps   |
| Vanadium   | 51-2  | 1655304  | 1676609  | 1681802  | 1671239  | 0.84   | cps   |
| Yttrium    | 89-2  | 1481956  | 1488047  | 1499412  | 1489805  | 0.59   | cps   |
| Yttrium    | 89-1  | 9325730  | 9324318  | 9313249  | 9321099  | 0.07   | cps   |
| Zinc       | 66-2  | 585451   | 591396   | 592395   | 589747   | 0.64   | cps   |
| Zirconium  | 90-1  | 10429549 | 10351613 | 10420787 | 10400650 | 0.41   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB85657             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV093              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV093              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-02-02 17:10:09 | DataFile Name :   | 039CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2288490 | 2300027 | 2282861 | 2290460 | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 83       | 108      | 89       | 19.52  | cps   |
| Antimony   | 121-1 | 13457    | 15601    | 19022    | 16027    | 17.51  | cps   |
| Arsenic    | 75-2  | 91       | 94       | 126      | 104      | 18.64  | cps   |
| Barium     | 135-1 | 67       | 108      | 150      | 108      | 38.46  | cps   |
| Barium     | 137-1 | 275      | 267      | 208      | 250      | 14.53  | cps   |
| Beryllium  | 9-1   | 44       | 17       | 39       | 33       | 44.09  | cps   |
| Bismuth    | 209-1 | 6527182  | 6531144  | 6548082  | 6535469  | 0.17   | cps   |
| Bismuth    | 209-2 | 4378809  | 4447783  | 4420655  | 4415749  | 0.79   | cps   |
| Boron      | 10-1  | 717      | 542      | 533      | 597      | 17.34  | cps   |
| Boron      | 11-1  | 2600     | 3284     | 2809     | 2898     | 12.09  | cps   |
| Cadmium    | 106-1 | 2075     | 2334     | 2092     | 2167     | 6.67   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 8        | 8        | 49.98  | cps   |
| Cadmium    | 111-1 | 1466     | 1633     | 1479     | 1526     | 6.08   | cps   |
| Calcium    | 43-1  | 417      | 292      | 417      | 375      | 19.25  | cps   |
| Calcium    | 44-1  | 18437    | 18454    | 18905    | 18599    | 1.43   | cps   |
| Chromium   | 52-2  | 880      | 920      | 837      | 879      | 4.74   | cps   |
| Cobalt     | 59-2  | 233      | 200      | 150      | 194      | 21.57  | cps   |
| Copper     | 63-2  | 553      | 627      | 623      | 601      | 6.89   | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Erbium     | 164-2 | 33       | 7        | 27       | 22       | 62.43  | cps   |
| Gadolinium | 160-2 | 20       | 33       | 7        | 20       | 66.65  | cps   |
| Gadolinium | 160-1 | 75       | 58       | 75       | 69       | 13.85  | cps   |
| Holmium    | 165-2 | 6080998  | 6122050  | 6161998  | 6121682  | 0.66   | cps   |
| Holmium    | 165-1 | 10462342 | 10581130 | 10627030 | 10556834 | 0.81   | cps   |
| Indium     | 115-1 | 8587126  | 8713548  | 8666531  | 8655735  | 0.74   | cps   |
| Indium     | 115-2 | 1811138  | 1808557  | 1830934  | 1816876  | 0.67   | cps   |
| Iron       | 56-2  | 6318     | 5963     | 5824     | 6035     | 4.23   | cps   |
| Iron       | 57-2  | 144      | 156      | 167      | 156      | 7.14   | cps   |
| Lead       | 206-1 | 1072     | 1117     | 1133     | 1107     | 2.85   | cps   |
| Lead       | 207-1 | 911      | 989      | 911      | 937      | 4.79   | cps   |
| Lead       | 208-1 | 4417     | 4395     | 4362     | 4391     | 0.64   | cps   |
| Lithium    | 6-1   | 299223   | 297502   | 296897   | 297874   | 0.41   | cps   |
| Magnesium  | 24-2  | 250      | 208      | 325      | 261      | 22.64  | cps   |
| Manganese  | 55-2  | 157      | 140      | 147      | 148      | 5.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1375     | 1450     | 1625     | 1483     | 8.65   | cps   |
| Molybdenum | 95-1  | 1458     | 1583     | 2325     | 1789     | 26.19  | cps   |
| Molybdenum | 96-1  | 1533     | 2067     | 2409     | 2003     | 22.02  | cps   |
| Molybdenum | 97-1  | 817      | 958      | 1250     | 1008     | 21.91  | cps   |
| Molybdenum | 98-1  | 2392     | 3017     | 3376     | 2928     | 17.00  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 53       | 73       | 50       | 59       | 21.43  | cps   |
| Phosphorus | 31-2  | 83       | 108      | 125      | 106      | 19.87  | cps   |
| Potassium  | 39-2  | 27151    | 27543    | 27000    | 27231    | 1.03   | cps   |
| Rhodium    | 103-2 | 4430153  | 4432409  | 4498279  | 4453614  | 0.87   | cps   |
| Rhodium    | 103-1 | 8169591  | 8198350  | 8089860  | 8152600  | 0.69   | cps   |
| Scandium   | 45-1  | 5468642  | 5407065  | 5452454  | 5442720  | 0.59   | cps   |
| Scandium   | 45-2  | 267142   | 271391   | 270919   | 269817   | 0.86   | cps   |
| Selenium   | 77-2  | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 80       | 96       | 89       | 88       | 9.46   | cps   |
| Selenium   | 82-1  | 140      | 50       | 136      | 108      | 47.08  | cps   |
| Silicon    | 28-1  | 490346   | 491420   | 492006   | 491257   | 0.17   | cps   |
| Silver     | 109-1 | 250      | 225      | 275      | 250      | 10.00  | cps   |
| Silver     | 107-1 | 342      | 292      | 225      | 286      | 20.46  | cps   |
| Sodium     | 23-2  | 23261    | 22685    | 22434    | 22793    | 1.86   | cps   |
| Strontium  | 86-1  | 1142     | 900      | 1117     | 1053     | 12.62  | cps   |
| Strontium  | 88-1  | 458      | 425      | 500      | 461      | 8.15   | cps   |
| Sulfur     | 34-1  | 297403   | 299401   | 297950   | 298251   | 0.35   | cps   |
| Terbium    | 159-1 | 11116213 | 11095456 | 11110802 | 11107491 | 0.10   | cps   |
| Terbium    | 159-2 | 6083334  | 6135331  | 6128893  | 6115853  | 0.46   | cps   |
| Thallium   | 203-1 | 233      | 208      | 225      | 222      | 5.73   | cps   |
| Thallium   | 205-1 | 600      | 650      | 567      | 606      | 6.93   | cps   |
| Tin        | 118-1 | 2000     | 2000     | 2525     | 2175     | 13.94  | cps   |
| Titanium   | 47-1  | 100      | 142      | 200      | 147      | 34.12  | cps   |
| Uranium    | 238-1 | 300      | 225      | 308      | 278      | 16.52  | cps   |
| Vanadium   | 51-2  | 47       | 47       | 40       | 44       | 8.66   | cps   |
| Yttrium    | 89-2  | 1484402  | 1482947  | 1499052  | 1488800  | 0.60   | cps   |
| Yttrium    | 89-1  | 9400222  | 9476895  | 9297302  | 9391473  | 0.96   | cps   |
| Zinc       | 66-2  | 200      | 157      | 197      | 184      | 13.07  | cps   |
| Zirconium  | 90-1  | 1317     | 1292     | 1525     | 1378     | 9.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB85657             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB093              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB093              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-02-02 17:18:36 | DataFile Name :   | 040CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 325  | 267  | 325     | 17.95  | cps   |